Library Serial of Agriculture
107 Forest Bldg.
University Park, Pa. 16802

Lancaster Farming

Serving The Central and Southeastern Pennsylvania Areas

Vol. 20 No. 7 | **Lancaster Farming, Saturday, December 28, 1974** | **$2.00 Per Year**

1974-The Year in Review

1974 was a busy, puzzling year for farmers in the Lancaster Farming area. Everything farmers need to buy seemed to go up in price. Everything they had to sell seemed to go down or, at best, stay the same. It was a good year for our cash crop readers, with bumper cron and wheat crops. Soybeans produced well this year, too, and hay crops fared very well. Drought conditions which plagued much of the rest of the country were unknown here.

Livestock, milk and poultry producers, however, didn't fare as well as crop farmers, with prices for their commodities often falling below break even points.

Farming and farm activities, though, seem to go on pretty much the same no matter what the markets do. We paged through our back issues to bring you a collection of the events and happenings that went into the making of 1974.

January - Farm Show Month

January is Farm Show month, and our first two issues were filled with news of Pennsylvania's - and the Northeast's - biggest farming event of the year. We examined the possibilities for a new $60-million complex to replace the present Farm Show Building, and we reported on the many local winners who prevailed over stiff competition in the farm show arenas.

A January 19 story reported that the outlook for farm credit for the year appeared good, but that interest rates would be higher. In that same issue, we reported that Rufus Martin, Ephrata RD3, was a three-way winner at the annual Red Rose DHIA awards banquet, walking off with high herd fat and milk prizes, as well as the high Holstein herd

February - Shortages Shortages

In February, our readers learned that the agricultural fuel outlook for the year was cloudy, with supplies uncertain. These clouds fortunately cleared up later in the year, but they left behind higher fuel prices, and more pressure on farm income. Congressman Edwin D. Eshelman told Lancaster Farming readers that he saw no end to inflation. Lou Moore, the Penn State cattle expert, told a group of Lancaster County cattlemen that costs would continue to spiral upward, and that big feedlots might take even more than the 65-percent of the marketplace they now command.

Some farmers, like dairyman Victor Ziegler, Reistville, still remained optimistic and shared their thoughts with our readers.

In February, we were happy to note that Hendrink Wentink, assistant to the president of Pennfield Corp., was named chairman of the National Commission on Egg Nutrition. And that Ivan Yost, Christiana R1, was named Pennsylvania's Outstanding Young Farmer by the Pennsylvania Jaycees.

March - Land Use Month

Land use was the hot topic for March. The Clean and Green farm tax bill began a round of revisions, revamping and rewritings, with legislators trying to accomodate the divergent views of the Pennsylvania Grange, Pennsylvania Farmers Association and the Pennsylvania Environmental Council. The debate raged on until

[Continued on Page 6]

In This Issue

FARM CALENDAR	10
Markets	2-4
Sale Register	38
Farmers Almanac	6
Classified Ads	41
Farm Commentary	10
Homestead Notes	26
Home on The Range	30
Organic Living	33
Junior Cooking Edition	29
Farm Women Calendar	10
Lancaster Co. DHIA	12
Thoughts in Passing	16
Lanc. Co. Tobacco Show	33
Facts for Dairymen	13
Heifer Project	23

Dairy projects have been Gordon's main FFA project interest, however, he has also shown beef at the area fairs.

Gordon Hoover

Farm Youth Leader

Melissa Piper

For the past several years, Gordon Hoover, RD1, Gap, has been active in farm youth work in Lancaster County.

Gordon has served as president of the New Holland Baby Beef Club and is a representative to the Lancaster County 4-H Council.

At 4-H State Days, Gordon competed on the livestock judging team and has exhibited his animals at the New Holland Fair.

Along with his 4-H work, Gordon is also an active member of the Pequea Valley FFA Chapter. For the past year, he has served as president of the FFA group and has been on numerous committees.

"Being president of our FFA group isn't an easy job," Gordon explained.

"I am responsible for making sure the activities are planned as well as making the organization work at all times."

Although being president of Pequea Valley FFA is a full time job, Gordon has also been involved in many other FFA activities. He has

[Continued on Page 5]

May 25 - Janell Conrad played nursemaid to the area's first embryo transfer calf. The calf is owned by Janell's father, Dr. Thomas Conrad, Bird-in-Hand.

March 16 - Congressman Edwin D. Eshelman, far left, discussed farm problems with a group of Lancaster County farmers in his Washington office this week. Shown with the Congressman, left to right, are John Myer, Ivan Yost and Donald Hershey. Two of Eshelman's assistants are at the far right.

July 27 - A five-year-old cow shown by John Welk, left, walked off with grand champion honors this week during the Lancaster District Holstein Show held in the Guernsey Sales Barn. Russell Kline, right, took the reserve ribbon with his four-year-old.

Local Livestock Market, Auction News

Lancaster Market

Monday, December 23

	Cattle	Calves	Hogs	Sheep
Today	582	173	718	84
Last Monday	670	163	626	66
Last Year	550	58	781	29
This Week's Auction	594	174	671	89
Last Monday's Auction	428	172	617	137

CATTLE: Compared to last Wednesday slaughter steers 1.00 lower; cows steady to 1.00 lower; bullocks 50-1.00 lower; bulls steady to 1.00 lower.

SLAUGHTER STEERS: High Choice and Prime 1200-1330 lb. 38.35-40.00; Choice 950-1430 lb. 38.00-40.00, 12 head 40.35-41.25, load Choice 1270-1325 lb. yield grade 2-5 36.00-37.50; high Good and low Choice 1000-1250 lb. 36.50-39.00; Good 34.75-37.50; Standard 26.75-31.60; Utility 23.50-27.00.

SLAUGHTER HEIFERS: Choice 750-950 lb. 32.75-35.10; Good 27.00-32.25; Standard 22.75-26.75.

COWS: Utility and high dressing Cutter 21.50-23.85, couple 24.50-24.85; Cutter 19.50-22.00; Canner and low Cutter 18.50-19.50.

Bullocks: Choice 950-1250 lb. 33.75-37.00, couple 39.00-39.75; Good 29.25-33.00.

BULLS: Yield grade 1 1100-1700 lb. 28.50-30.75, six head 1430-2175 lb. 32.00-35.85; yield grade 2 1000-1350 lb. 25.00-28.50.

VEAL CALVES: Vealers steady to 1.00 lower.

VEALERS: Prime 65.00-71.00; Choice 50.00-58.00; Good 38.00-45.00; Standard 28.00-35.00; Utility 90-120 lb. 19.00-22.00, 65-85 lb. 16.00-19.00.

SLAUGHTER CALVES: Choice 300-425 lb. 27.00-30.00; Good 21.00-26.00.

SHEEP: Wooled lambs mostly steady.

WOOLED LAMBS: Choice 70-100 lb. 42.00-44.00; Good 55 75 lb. 32.00-40.00.

Vintage Auction

No market report due to holidays.

New York Dressed Meats

December 26, 1974

Daily distributive - less than carlot meat trade.

Compared with Tuesday: Steer beef weak to around $1.00 lower; Heifer beef steady; Veal, Calf and Lamb generally weak; listed Pork Cuts mostly unchanged; however, Loins fully steady but Hams weak.

Available supplies of fresh meats small in all divisions. Buyer activity mainly on fill-in basis with Chuck cuts of red meat classes under pressure and Beef Chucks open for bids in some instances.

Steer Beef

Prime 600-900 lbs. 64.50-65.50; Choice 600-700 63.00-65.00, 700-800 63.00-64.50, 800-900 61.00-62.00; Good 500-800 61.00-62.50.

Heifer Beef

Choice 500-700 62.50-63.50.

Calf (Skin Off)

Choice 150-350 lbs. 58.00-66.00; Good 150-350 48.00-56.00; Standard 150-350 45.00-48.00.

Veal (Skin Off)

Choice 90-150 lbs. 84.00-92.00; Good 60-90 71.00-77.00; Standard 60-120 60.00-65.00.

Lamb

Choice & Prime 30-55 84.00-85.00, 55-65 82.00-84.00.

Choice Beef Cuts

Hinds (Steer) 145-190 lbs. 74.00-76.00; Arm Chucks 90-105 52.00-54.00; Ribs)7-Rib) 34-40 93.00-98.00; Loins (TRMD) 50-70 90.00-95.00; Rounds (Steer) 70-95 77.00-78.00; Full Plates 36.00-37.00; Hinds (Heifer) 120-170 73.00-75.00.

Pork Cuts (Fresh)

Loins (Regular) 8-14 77.00-80.00, 14-17 76.00-78.00; Picnics (Regular) 4-8 46.00-48.00; Boston Butts 4-8 67.00-69.00; Spareribs, 3 lbs. down 76.00-78.00; Hams (Skinned) 14-17 78.00-80.00, 17-20 76.00-79.00.

Lancaster Auction

No market report due to holidays.

Omaha Cattle

Weekly 51 - Cattle - Compared with the previous weeks close - closing prices Slaughter Steers and Heifers steady to strong. Cows 50-1.00 lower. Bulls firm.

Receipts for three market days 12,100 as compared 18,700 previous four-day period and 14,700 Christmas week a year ago. Slaughter Steers approximately 48 percent, Heifers 27 percent, Cows near 20 percent. Trading interruped by midweek Christmas holiday and demand correspondingly reduced with some interests extending non-Slaughter operations beyond the one day period.

STEERS: Short two loads Choice and Prime 1050 lbs. yield grade 3 38.50, modest volume same grade 1066-1222 lbs. yield grade 3-4 38.10-38.25. Choice 975-1275 lbs. yield grade 2-4 37.00-38.00, load 1593 lbs. yield grade 4-5 31.00 early. Mixed Good and Choice 950-1225 lbs. 36.50-37.25. Good 32.00-36.50. Standard and low-Good 30.00-32.00, some Standard 1000-1100 lbs. 29.00-30.00.

Average cost Slaughter Steers for two days 36.72 average weight 1115 lbs. as compared 36.52 and 1130 lbs. previous week and 40-95 and 1154 lbs. a year ago.

HEIFERS: Five loads High-Choice and Prime 1002-1144 lbs. yield grade 3-4 37.75-38.00, moderate number 900-1052 lbs. yield grade 3-4 37.25-37.50. Choice 850-1050 lbs. yield Grade 2-4 36.00-37.25. Mixed Good and Choice 750-1000 lbs. 35.00-36.00. Good 32.00-35.00. Small lots Standard and low-Good 31.00-32.00.

COWS: Utility and Commercial 16.50-18.50, a few 19.00-19.25, Canner and Cutter 12.50-16.50, Mixed Cutter and low-Utility 16.75-17.00. Shelly Canner 10.00-12.00.

BULLS: Yield grade 1-2 1400-1800 lbs. 21.00-23.50, an individual yield grade 1 24.00.

Paul Z. Martin

No market report due to holidays.

New Holland Auction

Thursday, December 26

	Cattle	Calves	Sheep
Today	1142	595	6
Last Thursday	766	500	30
Last Year	1003	856	0

CATTLE: Compared to last Thursday slaughter steers 50-1.00 lower, instances 1.50 lower on Choice; cows 50-1.00 lower; bulls strong to 1.00 higher.

SLAUGHTER STEERS: Choice 950-1325 lb. 38.50-40.60, few 40.75-42.75; high Good and low Choice 36.25-39.50; Good 33.75-37.75; Standard 29.25-33.7 ; Utility and low Standard 24.00-29.00.

COWS: Utility and high dressing Cutter 21.60-23.25, few 23.60-24.60, couple 25.50-25.60; Cutter 20.00-22.25, few 19.00-20.00; Canner and low Cutter 18.00-19.00.

BULLOCKS: Few Choice 950-1250 lb. 33.50-34.50, couple 35.75-38.75; Good 30.00-33.00.

BULLS: Yield grade 1 1100-1600 lb. 29.50-33.00, few 33.00-33.85; yield grade 2 950-1350 lb. 26.50-30.00, few 24.00-26.00.

VEAL CALVES: Vealers 1.00-3.00 lower although Utility only steady to weak.

VEALERS: Few Prime 57.00-61.00; Choice 46.00-54.00; Good 33.00-44.00; Standard 23.00-32.00; Utility 90-120 lb. 18.00-22.00, 65-85 lb. 15.00-18.50.

RETURNED TO FARM: Bulk 90-115 lb. Holstein heifers and bulls 21.00-28.00, few 29.00-34.00.

SHEEP: Insufficient volume for a market test.

Oklahoma City

December 26

Cattle and Calves: 200. Not enough of any class on offer to make a test of the trade with actual unloads less than 100 head.

FOR THE WEEK: Compared to late last week, trading on all classes generally limited to Monday with feeder cattle and calves 50c to 1.00 lower on a limited supply; slaughter cows under pressure due to a lower trending cow beef trade and mostly 1.00-2.00 lower for the week; slaughter bulls generally steady. Salable receipts for the week near 2,100 head compared to 22,366 the previous week and 2,494 the comparable week a year ago. Cows comprised 35 percent of the cattle receipts; feeders 62 percent of the total.

Composite Report

Friday, December 27

	Cattle	Calves
This Week	1800	800
Last Week	3108	1409
Last Year	2250	1039

CATTLE: Slaughter steers 50-1.00 lower, instances 1.50 lower on Choice; cows 50-1.00 lower; bulls mostly steady, some late sales 1.00 higher; bullocks 50-1.00 lower. Supply included an estimated 25 per cent cows, 15 per cent bulls with the balance mainly slaughter steers.

SLAUGHTER STEERS: High Choice and Prime 1200-1330 lb. 38.35-40.00; Choice 950-1430 lb. 38.00-40.50, few 40.50-42.75, load Choice 1270-1325 lb. yield grade 3-5 36.00-37.50; high Good and low Choice 1000-1250 lb. 36.25-39.50; Good 33.75-37.75; Standard 26.75-33.75; Utility 23.50-27.00.

SLAUGHTER HEIFERS: Choice 750-950 lb. 32.75-35.10; Good 27.00-32.25; Standard 22.75-26.75.

COWS: Utility and high dressing Cutter 21.50-23.50, few 23.60-24.85, couple 25.50-25.60; Cutter 19.50-22.25; Canner and low Cutter 18.00-19.50.

BULLOCKS: Choice 950-1250 lb. 33.50-37.00, couple 38.75-39.75; Good 29.25-33.00.

BULLS: Yield grade 1 1100-1700 lb. 29.00-33.00, few 33.00-35.85; yield grade 2 950-1350 lb. 26.50-30.00, few 24.00-26.50.

VEAL CALVES: Vealers 1.00-3.00 lower.

VEALERS: Prime 57.00-65.00, few on Monday 70.00-71.00; Choice 46.00-54.00; Good 33.00-44.00; Standard 120-140 lb. 28.00-35.00, 100-115 lb. 23.00-29.00; Utility 90-120 lb. 18.00-22.00, 65-85 lb. 15.00-19.00.

SLAUGHTER CALVES: Choice 300-425 lb. 27.00-30.00; Good 21.00-26.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein heifers and bulls 21.00-28.00, few 29.00-34.00.

In Business

Nobody's sure whether there's a recession or not these days The Better Business Bureau gets lots of calls though Seems as if the most popular request is "Can you send one over?"

Close Shave

Watching all the shaving commercials lately leads one to wonder if any of the ballplayers ever shave before a game

Lebanon Valley Livestock

No market report due to holidays.

Local Grain

Thursday, December 26

These prices are made up of the average prices quoted by a number of participating local feed and grain concerns. It should be noted, however, that not every dealer or broker handles each commodity. All prices are per bushel except ear corn which is per ton.

The average local grain prices quoted Thursday, December 26, 1974, are as follows:

	Bid+	Offered+
Ear Corn		
New	66.67	75.00
Old	——	——
Shelled Corn	3.34	3.59
Oats		
Local	1.70	1.97
Western	——	2.31
Barley	2.46	2.74
Wheat		
Feed	3.35	3.70
Millers	3.88	——

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

New Holland Horse Auction

Monday, December 23

Reported receipts of 406 horses, mules and ponies. Market steady with last week.

Load of Tennessee riding horses 150-240 and a load of New York driving horses 185-390.

Local work horses 340-450; mules 110-180, driving horses 140-470; riding horses 145-225; better horses 240-310; lightweight killers 12-16; heavyweight killers 18-20; mare ponies 5-25; colts 5-10; geldings 5-20 and larger ponies 45-65.

COMPLETE LIVESTOCK BUYING SERVICE
Specializing in order buying of Stockers & Feeders
FRANK DUSSINGER
LIVESTOCK ORDER BUYER
PHONE: [717] 397-7539
MARTIN LIVESTOCK
Washington Boro, Pa. 17582
Office Phone [717] 872-5491
John Bowman
Phone: [717] 653-5728

HAY MARKETS

Green Dragon

December 20, 1974

Prices per ton: 63 loads hay & 27 loads straw.

Alfalfa 55.00-77.00, one load at 85.00; 10 loads 45.00-54.00; Timothy 45.00-55.00; Mixed Hay 46.00-67.00, one load at 84.00; Clover, few loads 49.00-61.00; Straw 39.50-47.00; Corn, 6 loads 67.50-71.00.

Regional

(All hay No. 2 and better, prices paid by dealers at the farm, price per ton.)

Hay & Straw steady to strong.

Alfalfa 60.00-70.00; Mixed hay 40.00-45.00, few to 55.00; Timothy hay 35.00-45.00; Straw 35.00-38.00; Mulch 20.00-35.00.

New Holland

Steady to Strong market. Alfalfa 60.00-70.00; mixed hay 40.00-45.00 with few 55.00; timothy 35.00-45.00; straw 35.00-38.00 and mulch 20.00-35.00.

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile east of Fredericksburg along Route 222
PHONE JONESTOWN 865-2881
Sale every Tuesday at 1:30 P.M. starting with feeder cattle and pigs.

AUCTIONS makes the difference in marketing livestock!
New Holland makes the difference in auctions!
MONDAY 9:00 A.M. — Fat Hogs
2:30 P.M. — Fat Steers, Bulls, Cows & Veal
Horse Sale — MONDAY at 10:00 A.M.
Hay, Straw & Ear Corn — MONDAY 11:00 A.M. and WEDNESDAY 12:00
Dairy Sale — WEDNESDAY at 12:30 P.M.
Fat Steers, Bulls, Cows & Veal
THURSDAY at 12:00 Noon
NEW HOLLAND SALES STABLES INC.
New Holland, Penna.
Abram W. Diffenbach, Manager Phone: 717-354-4341

VINTAGE SALES STABLES, INC.
PARADISE, PENNA.
BULLS, STEERS, BUTCHER COWS, LAMBS AND VEAL CALVES SOLD ON COMMISSION
SALE EVERY TUESDAY 12 NOON
HOG SALES
Every Saturday At 9:00 A.M.
Every Wednesday At 9:00 A.M.
FOR MARKETING INFORMATION
PHONE AREA CODE 717-442-4181
For 24 Hour Market Reporting Service, Call 717-768-3117
Box 100 Paradise, Pa
10 miles East of Lancaster on Rt 30

Chambersburg Auction

December 19, 1974

CATTLE 228. Compared with last Thursday's market, slaughter steers steady, mostly 50 cents higher. Slaughter cows $1.50 to $2.50 higher. Good slaughter steers 35.00-38.50, Standard 30.00-36.00, few Utility 26.25-28.35. Individual Choice slaughter heifer at 37.35, few Good 32.35-34.85, few Standard 31.00-34.00, few Utility 25.25-28.00. Utility & High Dressing Cutter slaughter cows 21.50-23.85, individual at 24.35, Cutters 20.25-22.35, Canners 18.25-20.00, Shells down to 16.00. Individual Good slaughter bullock at 31.10. Individual Yield Grade 1 1780 lbs. slaughter bull at 32.60. Few Medium & Good 400-800 lbs. feeder steers 21.00-29.00.

CALVES 370. Vealers grading Utility to Good $1 to $7 lower. Few Prime vealers 56.00-65.00, few Choice 46.00-55.00, individual at 60.00, Good 35.00-46.00, Standard 28.50-38.50, Utility 90-120 lbs. 18.00-28.00, 70-85 lbs. 11.00-18.00. Farm calves, holstein bulls 90-125 lbs. 23.00-36.00.

HOGS 72. Barrows & Gilts $1 to $2 higher. US no. 1-3 210-245 lbs. barrows & gilts 43.00-43.25, No. 2-3 180-260 lbs. 41.75-42.85. Few US No. 1-3 300-400 lbs. sows 38.00-41.00, few No. 2-3 350-400 lbs. 29.25-32.50. Boars 25.50-27.00.

FEEDER PIGS 26. Lot US No. 1-3 50 lbs. feeder pigs 23.00 per head, Utility 30-50 lbs. 7.00-13.00 per head.

SHEEP 36. Few Good & Choice 65-80 lbs. wooled slaughter lambs 34.50-38.75, Utility 50-70 lbs. 25.00-30.50. Few Slaughter ewes 12.00-16.00.

Weekly St. Louis Cattle Review

Weekly Cattle Review: Receipts 3800, last week 8400, year ago 3300. Compared close last week slaughter steers 1.00-1.50 higher, heifers 1.00 higher, cows 1.00-2.00 lower, bulls 1.00 lower. Small holiday receipts included around 35 percent slaughter steers mostly good and choice 950-1150 lbs. yield grade 2-4, 18 percent heifers, 15 percent cows and 30 percent feeders.

SLAUGHTER STEERS: Few lots choice and prime 1050-1150 lbs. yield 3-4 38.50-38.85, choice 950-1150 lbs. yield grade 2-4 37.00-38.50, mixed good and choice 36.00-37.00, good 33.00-36.00, good holsteins 1100-1300 lbs. 30.00-31.25, standard 27.00-29.00, part load good and choice 1825 lbs. 30.00.

SLAUGHTER HEIFERS: Choice 800-1000 lbs. 35.00-36.50, mixed good and choice 34.00-35.00, good 30.00-34.00, standard 25.00-29.00.

COWS: Late sales utility and commercial 17.00-19.00, few 19.50-20.00, cutter 14.00-17.00, canner 11.00-14.00.

BULLS: Yield grade 1-2 1100-1600 lbs. 21.00-24.00.

DANVILLE LIVESTOCK MARKET
Old RT. 11
Danville, Pa.
Phone (717) 275-2880
SALE EVERY MONDAY 2 P.M.

TRY A CLASSIFIED AD!

We would be happy to have you as a Customer . . .
S. K. SHOTZBERGER, INC.
LIVESTOCK TRANSPORTATION
Gene Zwally, President
Marvin Johns, Secy.-Treasurer
P.O. Box 925, Lancaster, Pa. 17604
Phone: 393-4641 (day or night)

HOG PRICES

Lancaster Market

HOGS: Barrows and gilts steady to 50 higher.

BARROWS AND GILTS: US 1 210-250 lb. 44.00-44.60; US 1-3 200-260 lb. 43.25-43.85; US 2-3 250-280 lb. 41.50-42.50.

Vintage Auction

Saturday, December 21

Hogs 717: Boars and gilts 1.00 higher. US 1-2 200-230 lbs. 43.00-43.50; 13- 200-240 lbs. 42.00-43.00; 2-3 195-270 lbs. 40.00-41.75; 2-4 100-165 lbs. 30.00-32.85.

Sows: US 1-3 400-550 lbs. 28.25-30.25; 2-3 300-500 lbs. 25.00-28.00 and boars 23.00-25.00.

New Holland Auction

Monday, December 23

Hogs: 1493: Compared to last week boars and gilts 25 cents to 50 cents higher with spots of 1.00 higher.

US 1-2 200-240 lbs. 43.75-45.00; 1-3 200-250 lbs. 42.75-43.75; 2-3 220-270 lbs. 41.75-42.75; 2-4 160-190 lbs. 40.75-42.75.

Sows: US 1-3 300-550 lbs. 30.00-33.00; 2-3 300-600 lbs. 26.00-30.00 and boars 25.00-39.00.

St. Louis Auction

ST. LOUIS HOGS: 4000

Barrows and gilts 25-50 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 43.25-43.50; US 1-3 200-240 lb. 42.75-43.25.

Indianapolis Auction

INDIANAPOLIS LATE HOGS: 1000

Barrows and gilts very uneven, opening sales 75-1.00 higher, later mostly 50 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 43.50-44.00, 56 hd early 44.25; late sales 43.50; US 1-3 200-250 lb. 43.00-44.00, late 43.00-43.50; Few US 2-3 240-260 lb. 42.50-43.00; Lot US 2-4 285 lb. 41.50.

Feeder Pig Sale

Feeder Pig Sale
Lancaster Stockyards
Lancaster, Penna.
December 17, 1974

PIGS 1035. All sales per hundred weight.

US No. 1-2 30-60 lbs. 59.00-69,00; above -60 lbs. 56.00-64.00.

US No. 2 - 30-60 lbs. 52.50-64.00; above -60 lbs. 43.50-50.50.

US No. 2-3 30-60 lbs. 53.00-67.00; above -60 lbs. 33.50-57.00.

US No. 3 30-60 lbs. 46.00-70.00; above -60 lbs. 42.00-48.00.

US Utility 20-60 lbs. 42.50-70.00.

25.00-69.00.

Peoria Auction

PEORIA HOGS: 2500

Barrows and gilts opened 75-1.00 higher, after early rounds mostly steady with Tuesday.

BARROWS AND GILTS: US 1-2 200-240 lb. early fully 400 hd 44.00-44.25; After early round 43.00; US 1-3 200-240 lb. 42.50-43.00; US 2-3 230-250 lb. 41.50-42.50; 250-270 lb. 40.00-41.50.

Futures Trading

(Closing bids as of Thursday, December 26)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
January				53.10
February	39.70	42.15		51.65
March			3.42	54.10
April	40.90	41.70	3.70	51.00
May			4.33	51.55
June	41.50	44.85		
July		45.65		
August	41.72	44.85		
September				
October	40.95	44.55		
November			4.37	
December		45.55		

Trend — Cattle are Lower, Hogs are Lower, Potatoes are Higher, and Eggs are Lower.

Markets Provided by Commodity Department
Reynolds Securities, Inc.

Chicago Grain Futures

(Closing bids as of Thursday, December 26)

	Corn	Wheat	Soybeans	Soybean Meal
January			6.97¼	132.75
March	3.34	4.50¼	7.14¼	140.75
May	3.35	4.44½	7.26	147.50
July	3.30½	4.13	7.32½	
September	3.08¼	4.20	6.95	154.00
October				153.00
November			6.74	
December	2.82	4.28		155.00

Trend — Corn is Lower, Wheat is Lower, Soybeans are Lower, and Soybean Meal is Lower.

Markets Provided by Commodity Department
Reynolds Securities, Inc.

Philadelphia Produce

Tuesday, December 24

APPLES

Ctn Tray Pack: NJ Red Delicious no grade mark 72-113s 6-6.50.

NY Red Delicious USFcy & Fcy Red Delicious 100's 6.50-7.00 one lot 72-88s few 8.50 Romes 56s few 7.00.

VA Staymans USCombination ExFcy & Fcy 88-113s 7-7.50.

Ctn Cell Pack: NY McIntosh USFcy 120s few best 7.50.

MAINE McIntosh USCombination ExFcy & Fcy 120s 7.00.

NEW ENGLAND McIntosh US No. 1 100s 7.0..

Ctn Film Bag 12-3 lb. US No. 1 or Better 2¼" & Up: NJ Red Delicious 4.80.

NEW ENGLAND McIntosh 4.80.

PENNA Romes 5.40 Red Delicious 5.40 fair appear 4.20 Staymans 4.20-4.80.

BEETS

NJ 4-5 bu crt bchd 12s 2.25.

BRUSSEL SPROUTS

DEL ½ bu ctn loose 5.00.

CABBAGE

ABOUT STEADY

1¾ bu crt & ctn med-lge Domestic Round Type Green unless otherwise stated.

Savoy Type: LI fair cond 4-4.50.

Dunish Type: NY mesh sks approx. 50-lb med & lge 3-3.50 mostly 3.25.

CAULIFLOWER

LI Long Island crt 12s few 6.00.

LEEKS

NJ 4-5 bu crt & ctn bchd 12s 4.50-5.00.

MUSHROOMS

PENNA 4-qt bkt med-lge 3.25-3.50 some best 3.75 sml-med 2.50-2.75.

ONIONS — DRY

50-lb sks unless otherwise stated.

NY Yellow sml-med 1.50-2.00 ord cond 1.25 ctn mesh sks 15-3 lb 3.50 20-2 lb 3-3.50.

POTATOES — DULL

50-lb sks US No. 1 Size A wshd unless otherwise stated.

Round Whites: LI 2.15-2.25 few 2.10.

MAINE 2.15-2.25 some low as 2.00.

PENNA unwshd 1.75-2.00.

Round Reds: NY 3.00.

REPACKED LOCALLY Origin Unknown Baled film bag 5-lb sks 50 cents.

STRAWBERRIES

No offerings.

SWEET POTATOES

STEADY

Ctn approx 50-lb Porto Rico Type unless otherwise stated.

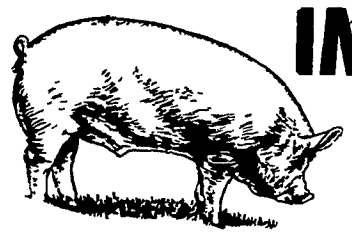
DEL no grade mark 6-6.50 fair qual cond 3.50.

NJ no grade mark Orange Jersey 6.00 few higher ½ bu hmpr Open Face Yellow Jersey 3.25-3.75 sml-med 2.25-2.50 ½ bu ctn Yellow Jersey fair appear 3.00.

TURNIPS

ABOUT STEADY

NJ 25-lb film sks White-Topped & washed 2.75.



IMPORTANT NOTICE
LET US HANDLE YOUR FEEDER PIGS

NEXT FEEDER PIG SALE TUES., JAN. 7

Feeder pigs consigned to Walter M. Dunlap and Sons must arrive at the stockyards between 7 A.M and 11 A.M the day of the sale Upon arrival they will be inspected by a veterinarian, tagged, and state graded.

The two sales scheduled for January will be held on Tuesday, the 7th, and Tuesday, the 21st, starting at 1 P.M. Consignors wishing to tag their pigs on the farm can get the tags at the state office at the stockyards, not later than 4 P.M any day preceding the sale, thereby saving 25 cents per pig

Consign all your feeder pigs to Walter M. Dunlap & Sons where they will be handled by a capable and experienced staff, and for further information call 717-397-5136

WALTER M. DUNLAP & SONS
Capable Service To The Livestock Industry Since 1898

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspections

	CATTLE	HOGS	SHEEP
Week To Date	359,000	692,000	77,000
Same Period Last Week	520,000	1,183,000	106,000
Same Period Last Year	292,000	729,000	87,000

Poultry Market Reports

WEEKLY NEW YORK EGG MARKET

Monday, December 23 to Friday, December 27

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Ex. Large	70	70		70	70
Large	70	70		70	70
Mediums	69	69		69	69
Pullets	59	59		59	59
Peewees	44	44		44	44
BROWN			HOLIDAY		
Large	70	70		70	70
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	64	64		64	64
Checks	36	36		36	36

Tone — In fair balance, but nervous.

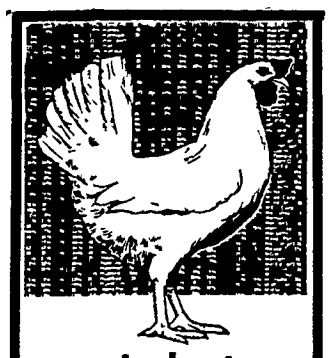
Copyright 1974 Urner Barry Publications

NEST RUN EGGS

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Friday
Extra Large	51 lbs.	0	0
Class 1 - Large	48 lbs.	63	61
Class 3 - Medium	42 lbs.	62	60
Class 4 - Small	39 lbs.	52	51
Breaking Stock	48 lbs.	49	49
Checks	48 lbs.	38	37

Read Lancaster Farming For Full Market Reports



sustain top production with the

BABCOCK B-300

Keeping production up . . . costs down . . . is the profit key in poultry operations. And more and more records on commercial flocks of Babcock B-300's . . . "The Businessman's Bird" . . . show sustained production of top quality eggs . . . often with an additional 20 to 30 eggs per bird housed over other strains. Come in . . . look at the records and the B-300 . . . "The Businessman's Bird".

BABCOCK FARMS

Telephone [717] 626-8257
Telephone [717] 626-8561

Peoria Cattle

December 26, 1974

CATTLE: Receipts this week: 2600. Last week: 5000. Year ago: 4400.

Compared with last weeks close, Slaughter Steers and Heifers weak to 50 lower. Cows 50 lower. Bulls scarce. Receipts about 70 percent Slaughter Steers, 20 percent Slaughter Heifers, balance cows.

SLAUGHTER STEERS: Choice and Prime 1150-1350 lbs. yield grade 3-4 37.50-38.50; Choice 950-1200 lbs. yield grade 2-4 37.00-38.00; Mixed Good and Choice 900-1300 lbs. 35.50-37.00; Good 33.00-35.50; load Good Holsteins 1300 lbs. 33.00 and load Standard and Good 1260 lbs. 31.50.

SLAUGHTER HEIFERS: Choice and Prime 900-1050 lbs. yield grade 3-4 37.00-37.50; Choice 800-1050 lbs. yield grade 2-4 35.00-37.00, late 35.00-36.50; Mixed Good and Choice 750-1100 lbs. 32.50-35.00.

COWS: Utility and Commercial 16.00-19.00; Cutter 14.00-17.50; Canner 11.00-14.00

Eastern Pa. & N. J.

Live Poultry Report
Tuesday, December 24

Prices unchanged to ½ cent lower on light type hens.

Demand fair as plants only operating part time.

Offerings adequate. Demand light for all offerings of Heavy Type Hens.

Prices paid at Farm: Light type Hens 5½-6½, mostly 6-6½ in Pa.; mostly 6-6½ in N.J.

Delmarva

Broiler-Fryer Market
Thursday, December 26

Ready to cook movement fair to adequately good. Slaughter schedules heavy despite several plants not operating. Today's less than trucklot asking prices unchanged to higher on both Plant and US Grade A.

Live supplies fully adequate at desirable weights. Undertone firm.

Baltimore Eggs

Thursday, Dec. 26

Demand spotty. Supplies of all sizes adequate.

Cartoned Eggs: Prices to retailers, state graded (min one case sale) White.

Grade A Large 77-83, mostly 77-79.

Grade A Medium 76-81, mostly 76-77.

Philadelphia Eggs

Thursday, December 26

Prices steady. Demand fair for post holiday needs. Offerings adequate on all sizes. Undertone steady.

Prices to Retailers: Sales to volume buyers, consumer grades White Eggs in Cartons, delivered: Store Door, A Extra Large 75-76½; A Large 74-75½; A Medium 70½-72½.

Fogelsville

Sale of Dec. 24, 1974

(Prices paid dock weights, cents per pound, except where noted.)

No market report available at press time.

Poultry received Monday 7 p.m. to 10:30 p.m. Tuesday 7 a.m. to 12 Noon. Sale at 11:30 a.m.

Directions — Take Rt. 222 thruway. Exit at Fogelsville exit. North to stoplight in Fogelsville, turn left, proceed one mile.

* * *

It's a pearl of wisdom to serve the wine that's made of pearls. Isabel Rosé, imported by the Fleischmann Distilling Corporation, is made from "The Pearls of the Douro"—the finest grapes grown in Portugal's sunkissed Douro Valley. Give this fine wine in its handsome gift box or in the attractive Gift-Pak that includes Isabel Rosé, Red and Blanco

* * *

Pa. Auction Summary

Harrisburg, Pennsylvania
Week Ending
December 20, 1974

CATTLE 4193. Compared with 5748 head last week, and 4520 head a year ago. Compared with last week's market, slaughter steers weak to 75 cents lower. Slaughter cows 50 cents to $1 higher. Slaughter bulls about steady.

STEERS: Choice 37.75-40.85, Good 33.25-38.50, Standard 27.50-35.25, Utility 19.10-28.25.

HEIFERS: Few Choice 33.00-35.00, few Good 28.00-35.00, few Standard 23.75-30.00, few Utility 19.25-25.00.

COWS: Utility & High Dressing Cutter 19.60-24.00, Cutters 18.00-22.10, Canners 16.00-20.00, Shells down to 12.00. BULLOCKS: Few Choice 36.00-39.25, few Good 30.00-34.60, few Standard 26.00-29.00, few Utility 22.00-26.25. BULLS: Yield Grade No. 1 1100-2000 lbs. 26.25-30.00; yield grade No. 2 900-1600 lbs. 22.00-28.00.

FEEDER CATTLE: Good 250-650 lbs. feeder steers 21.50-30.00, Medium 18.00-24.00; Good 250-600 lbs. feeder heifers 20.50-25.50, Medium 15.75-19.75; medium 300-800 lbs. feeder bulls 16.00-23.00. Vealers $2 to $5 lower.

VEALERS: Few Prime 60.00-67.50, Choice 48.00-60.00, Good 35.00-51.00, Standard 25.00-41.00, Utility 90-120 lbs. 18.00-30.00, 70-85 lbs. 13.50-21.00. Farm calves, holstein bulls 95-125 lbs. 20.00-36.00.

HOGS 5918. Compared with 7665 head last week, and 5918 head a year ago. Barrows & Gilts mostly $1 to $1.50 higher.

BARROWS & GILTS: US No. 1-2 200-240 lbs. 43.75-44.50, No. 1-3 190-245 lbs. 42.00-43.50, No. 2-3 185-260 lbs. 40.00-43.00, No. 2-4 250-300 lbs. 39.00-41.85, No. 2-4 125-185 lbs. 30.00-39.00.

SOWS: US No. 1-3 300-550 lbs. 32.50-38.00, No. 2-3 300-600 lbs. 29.00-32.50. Boars 20.00-27.25.

FEEDER PIGS 1095. Compared with 1611 head last week, and 839 head a year ago. US No. 1-3 20-35 lbs. feeder pigs 7.00-22.00 per head, No. 1-3 35-50 lbs. 11.00-24.50, No. 1-3 50-85 lbs. 19.25-27.50 per head.

SHEEP 639. Compared with 913 head last week, and 615 head a year ago. Wooled slaughter lambs about steady. Choice 70-110 lbs. wooled slaughter lambs 37.00-40.50, few to 45.00; Good 60-100 lbs. 30.00-38.00, Utility 45-80 lbs. 25.00-29.00. Slaughter ewes 4.00-16.50.

Lancaster Farming

P.O. Box 266 - Lititz, Pa. 17543
Office: 22 E. Main St., Lititz, Pa. 17543
Record-Express Office Bldg.
Phone: Lancaster 717-394-3047
or Lititz 717-626-2191
Richard E. Wanner, Editor
Melissa Piper, Associate Editor
Subscription price: $2 per year.
Established November 4, 1955
Published every Saturday by Lancaster Farming Lititz, Pa.
Second Class Postage paid at Lititz, Pa. 17543
Members of Newspaper Farm Editors Assn., Pa. Newspaper Publishers Association, and National Newspaper Association.

NEW ENGLAND WEEKLY SHELL EGG REPORT

Tuesday, December 24, 1974

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS				Not Available
NEW HAMP	71-78	70-77	67-74	53-60
Mostly	73-74	72-73	69-70	55-56
R.I.	77-78	76-77	73-74	59-60
VERMONT	75-84	74-82	71-79	
Mostly	75-80	74-79	71-76	
MAINE	75-77	74-76	70-72	57-59

Young Sheep Producers Receive Boost Thru 4-H

America's young sheep producers— some 80,000 in 4-H projects—are about ready to tally up their results for 1974.

Utilizing their carefully kept records, the 4-H'ers are looking at profits, individual performance of animals, and overall quality of their breeders. Many also are evaluating their personal results as they seek added recognition in the national 4-H sheep program.

Sponsored by Wilson & Co. Inc., and supervised by the Cooperative Extension Service, the program offers top awards of six expense-paid trips to National 4-H Congress in Chicago, and an equal number of $700 scholarships.

On the way to earning these coveted awards, the young people also can pick up $50 U.S. Savings Bonds as winners in their respective states. About 40 such awards are expected to be presented by Wilson & Co. this year.

While most youthful sheep producers conduct their operations on the nation's farms and ranches, Gayle Allard, 19, of Turlock, Calif., has proven that success can come with good management on limited acreage. She has raised some 48 sheep and lambs on a quarter-acre lot and her records last year were good enough to earn national honors, including a $700 scholarship.

Tom Slack, 20, of North Manchester, Ind., raises his sheep on his family's farm While a traditional location, there isn't much traditional about his approach to sheep production. His flock of sheep and lambs are valued at about $4000. A production record system, which he instituted, measures the quality and daily gain of each lamb and is used in breeder selection.

The Purdue University student got his start by helping a friend show sheep at the Indiana State Fair. Ten years later, he had raised 348 animals and earned a variety of awards and recognition including a scholarship.

For information about opportunities offered boys and girls in the national 4-H sheep program, contact the county extension office

York 4-Hers Go Caroling

The York County 4-H Council recently went Christmas Caroling to the York County Lutheran home in North York. The group of 25 people met at the York County 4-H Center at 6:30 P.M. for a short rehearsal before presenting a program of a dozen carols. A special bass trio made up of Jonathan Uhl, David Berkheimer, and Jeff Roth played along with the carolers and played two special selections which were; "Jolly Old St. Nicholas and Westminister Carol." The 4-H Council extends its hardiest thanks to Mrs. Paul Ebaugh, Mrs. Robert Shaub, and Mrs. J. Maurice Roth who supervised the Caroling Delegation. There were many opinions as to the success of this project and summing it all up: "It was a total success.." There was a Social after the carolers returned from the home and refreshmants were served.

SLAUGHTER ANIMALS

SALE
BULLS - HEIFERS
STEERS - COWS
WEEKLY — Mon. & Wed. - 12 Noon

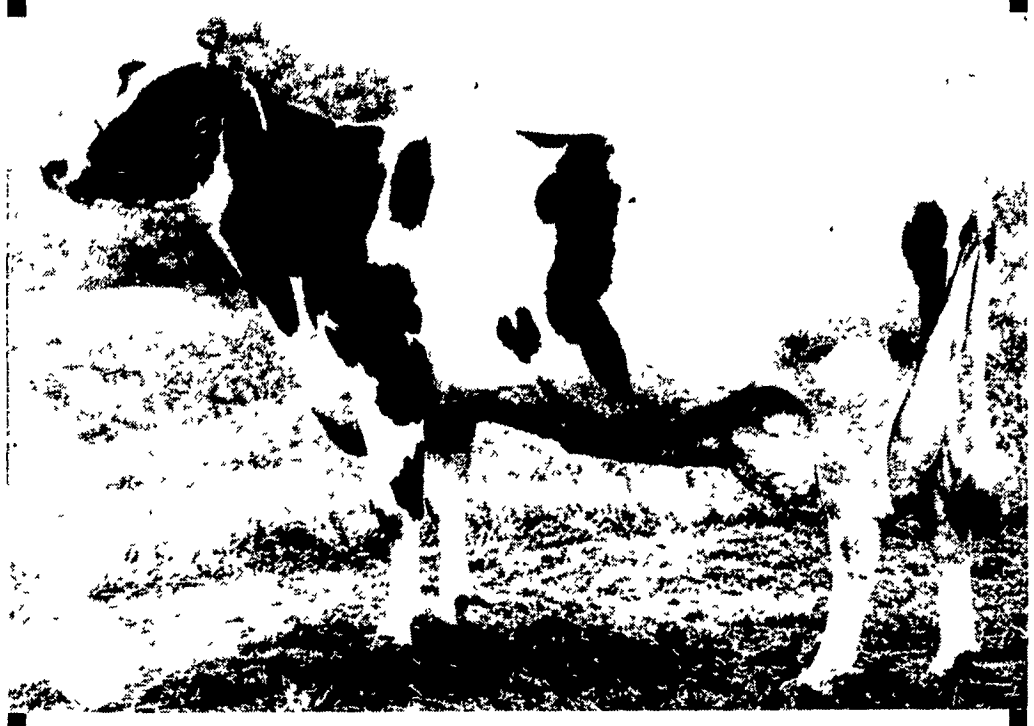
FEEDER

PIG SALES
E.O.W. Tuesday 1 P.M

LANCASTER LIVESTOCK INC.
Phone [717] 394-2611

HIGH PRESSURE WASHING
OF POULTRY HOUSES AND VEAL PENS
BARRY L. HERR
1744 Pioneer Road, Lancaster, Pa
Phone 717-464-2044

CORINNE the Champ!



MOWRY PRINCE CORINNE, EX(92)2E

Owned by Clarence and Kenneth Mowry,
Roaring Spring, PA

THE NEW WORLD'S RECORD COW FOR MILK PRODUCTION

Total Days	Total Milk
24	3847
49	7910
77	12741
97	16025
105	17257
143	23153
171	27293
206	32230
222	34360
234	35873
244	37076
262	39211
299	43506
305	44175
319	45730
335	47529
343	48830
365	50759

Pennfield is proud to have been part of this outstanding World's Record.

May we chat with you soon
about your herd's feeding program?

pennfield feeds

711 Rohrerstown Road, Lancaster, PA 17604
Lancaster 299-2561 • York 854-7867 • Red Lion 244-4511

Farm Youth Leader

[Continued From Page 1]

been involved in many county judging contests and has been a cooperative scholar traveing to the PAFC conferences at Shippensburg State College.

Gordon has been on the livestock judging team and traveled to Kansas City to compete at the National FFA conference. He has also entered the FFA tractor driving contests and this year placed first in the area.

Gordon's main FFA project has been in the field of dairy. He presently owns 4 registered Holstein cows and 2 heifers and is a member of the Jr. Holstein Club.

When asked how he would change FFA if possible, Gordon explained that he would like to tell more people about FFA and its activities.

"Many people just don't know what FFA is all about," he stated. "I think we need to give it a new image and let others know about the work and activities we get involved in."

"FFA is a good organization and besides giving you responsibility it makes you proud of your accomplishments."

Gordon certainly has much to be proud of with all the responsibility he has taken on over the past few years. For along with his farm related activities he is a also a student leader in school and was a varsity wrestler.

Gordon is planning to go on to college and study Dairy Science but for the moment he is consentrating on completing his senior year at Pequea Valley.

During the Farm Show, to be held in January, Gordon will be receiving the Keystone Farming Degree, significant of the work and responsibility he has taken on during the past four years in FFA.

Gordon Hoover has been an outstanding member and leader not only in FFA but in many farm youth related groups.

Youths Learn "Art" of Breadmaking in 4-H

Nothing is more satisfying than the aroma of a freshly baked loaf of bread, or basket of rolls, or of pasteries. Over 715,000 boys and girls receive that satisfaction when they prepare tasty, delicious bread dishes as part of their activities in the national 4-H bread program.

Sponsored by Standard Brands Incorporated, these youthful bakers create tasty, nutritious bread dishes that excite their family, friends and neighbors. The youths know that bread is an important part of the 4-4-3-2 daily formula for good nutrition—four servings of bread and cereal, four of fruits and vegtables, three of milk and two of meat.

Supervised by the Cooperative Extension Service, 4-H'ers in the bread program give demonstrations on breadmaking to other youths and adults in their community. They are also eligible for awards provided by Standard Brands. The company offers up to four medals of honor for county winners and an expense-paid trip to National 4-H Congress in Chicago, Dec. 1—5 for a top winner in each state.

At the annual 4-H event, six national winners will be announced with each receiving $700 educational scholarships, courtesy of the company.

One such national winner, last year, was reluctant to enter the program. Ann Gurney of Cheshire, Mass. was astounded when her mother first suggested she enroll in the 4-H bread program. "Breadbaking, I thought, was something people did in the old days", said the 18-year-old Miss.

"But", she added, "I decided to give it a try".

Some nine years later, Miss Gurney points to more than 150 blue ribbons for bread and other foods exhibits. Last year, alone, she prepared more than 200 yeast bread products. She has given numerous bread demonstrations and headed the food department of the Berkshire County 4-H Fair.

Across the country in Wyoming, Nalene Robinson, 18, of Bedford, has been baking foreign breads using recipes handed down by her grandmother. She also has found bread and other baked foods an appreciated gift by friends, neighbors and shut-ins, especially at holiday time.

For more information on the 4-H bread program contact the local county extension service office.

MARTIN'S MANUFACTURING CO.

Custom Made

- FREE STALLS
- BARNYARD FENCES
- SILAGE CARTS in stock
- PIPE GATES 6 ft. to 16 ft. (every 6") in stock

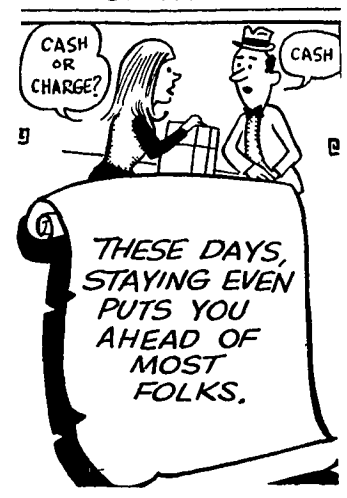
MARTIN'S MANUFACTURING CO.

DISTRIBUTOR OF CENTRAL TRACTOR PARTS CO.

R.D.3 Myerstown Phone (717) 933-4151

TAKE RT. 645 - 3 MILES NORTH OF MYERSTOWN
FOLLOW DIRECTIONAL SIGNS

PUNCH LINE OF THE WEEK



THE OLD FARMER'S ALMANAC

DEC. 30 1974-JAN. 5, 1975

The old year drips as you raise a toast to your lips.

Make only one New Year's resolution this year, but stick with it . . . Last quarter of the moon Jan. 4 . . . Some say it's bad luck if you don't take your Christmas greens down now . . . Average length of days for week, 9 hours, 7 minutes . . . Days are starting to lengthen now . . . Car crossed Sahara Desert in 3 days vs. camel in 9 days, Jan. 4, 1924 . . . Ring out old year, ring in new; ring out false, and ring in true.

Old Farmer's Riddle: What changes a pear into a pearl? (Answer below.)

Ask the Old Farmer: Why is the name "tumbler" applied to an eight-ounce, straight-sided, flat-bottomed drinking glass? G.C., Boston.

There are two traditions about this. One claims that originally the drinking cup or glass was made with a round bottom and had to be held to prevent it from capsizing. When a drinker had arrived at the point where he couldn't do this, he was expected to call it a day. The other claims that the flat-bottomed glass was designed to help the unsteady lad, or "tumbler."

Home Hints Broken window glass can be removed easily by first putting soft soap on the putty. In a few hours the putty will have softened and can be removed with an ordinary knife *Riddle answer* The letter L

OLD FARMER'S WEATHER FORECASTS

New England: Partly cloudy to start, then cold; end of week partly cloudy with flurries.

Greater New York-New Jersey: Cloudy and drizzly at first, then clear and mild; end of week clear, then increasingly cloudy.

Middle Atlantic Coastal: Week begins partly cloudy and mild, then showers; end of week sunny and mild.

Southeast Coastal-Piedmont: Early week mild with light rain; heavy coastal rain latter part, then clear mild weekend.

Florida: Partly cloudy to start, then rain; light rain latter part, then clearing and cooler.

Upstate and Western N.Y.-Toronto & Montreal: Light rain at first, then flurries; some sun and cold, then 3-5 snow in north by weekend.

Greater Ohio Valley: First part of week mild with light rain; end of week flurries, then clearing and very cold.

Deep South: Overcast and cool to start, then clear and cold; mostly clear and mild but rain in west at week's end.

Chicago and Southern Great Lakes: Light rain changing to snow at first, then becoming very cold; week ends raw with snow flurries.

Northern Great Plains-Great Lakes: Week begins snowy and cold, then clear and very cold; end of week cloudy and seasonably cold with light snow.

Central Great Plains: Cold snap and flurries at first, then mostly clear and very cold; end of week sunny and considerably milder.

Texas-Oklahoma: Week begins with cold snap, light rain and snow in north, then mostly sunny but very cold; end of week cloudier and much warmer.

Rocky Mountain Region: Very cold and snowy to start, then mostly clear and seasonably cold; week ends cloudy with 2-4" snow in central and north.

Southwest Desert: Partly cloudy and cold to start, then cold snap with lows in 20s; rain latter part, then clear and warm days but freezing nights.

Pacific Northwest: Partly sunny at first, then light or freezing rain, cold rain continuing to end of week.

California: Most of week clear and mild with warmer temperatures in south; increasing clouds in south by weekend.

(All Rights Reserved Yankee Inc Dublin, N H 03444)

Review

[Continued From Page 1]

December, when a bill was finally signed into law by the Governor.

There were meetings on the farm assessment act as well as on the state's toughened conservation law.

Senator Richard Schweiker, at the PFA meeting, told farmers he didn't like the fact that dairy imports coming into this country were hurting Pennsylvania dairy farmers. He said he also didn't like the fact that these imports were often laden with filth.

April - A Shocker for Lehigh Members

In April, the Lehigh Milk Producers Cooperative board of directors voted to oust Richard Allison from his post as president of the coop. It was the first step in a long chain of events which culminated in a board decision to ask members for funds to bail out the financially troubled coop.

April was also the month for FFA banquets and awards, with many area youths honored for their accomplishments during the year.

May - New Beginnings

A calf born on the farm of Dr. Thomas Conrad, Bird-in-Hand, became the first local animal resulting from the newly developed embryo transplant operation. The Simmental calf became part of a growing herd which Conrad hopes to develop into a purebred Simmental breeding operation.

In May we featured another new beginning, this one by Howard Miller, a southern Lancaster Countian who planted 10 acres of French hybrid grapes. Miller became one of the ever-increasing numbers of area grape growers, a crop that many expect to overtake tobacco in cash value.

This was also the month that PennAg Industries Association began probing railroad abandonment, an issue which is of vital concern to many of PennAg's agribusiness members.

June - A Fair Month

A pair of Lancaster Farming stories on the search for agreement on whether or not to hold a Lancaster County Fair highlighted our June pages. The initial meetings were shot through with pessimissim, an attitude which eventually proved to be justified.

There were more meetings on tax relief, two of them in Chester County, and more news about Lehigh and Country Belle, financially troubled coops.

Sperry New Holland's Kenneth Thompson said he wants to sell balers to Russia. Berks County's Jack Kooker said he wants Jim McHale's job - but he didn't get it.

June was the month Lebanon County Agent Glenn Miller was feted at a retirement party. It was also the month a new byline began appearing in the pages of Lancaster Farming. It belongs to Melissa Piper, our first full-time associate editor.

July - Wheat Harvest Presages Bumper Crops

Wheat growers in the Lancaster Farming area harvested an excellent crop this year, becoming the first farmers to benefit from an excellent growing season.

The Lancaster County 4-H Dairy, and the District Holstein show held back-to-back runs at Lancaster's Guernsey Sales Barn, with Maurice Welk, Quarryville R2, capturing grand champion honors at the Holstein show.

Penn Staters working on an ambitious dairy herd health project were featured in a July 27 article. The research project is unusual in that it is funded largely by private donations from individual dairymen and agribusiness firms.

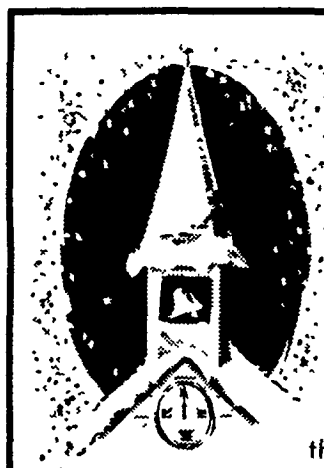
Diane Crider, Nottingham R2, smiled out from the page of our July 6 issue in a photo taken after she was chosen Lancaster County Dairy Princess for 1974.

August - Summer Happenings

The Midwest burned and

[Continued on Page 24]

February 2 - County FFA officers elected this week were, front row, left to right: Don Weaver, vice-president; Barry Wissler, president; Jeff Glackin, recording secretary; Dwight Houser, treasurer; Bob Buckwalter, sentinel. Back row: Gerald Phillips, advisor; Nelson Martin, chaplain; Brian Ober, corresponding secretary; Dwight Martin, parlimentarian, and Kevin Rohrer, reporter.



A Prayer for the New Year

May the New Year see the dawn of a new era of understanding throughout the world, bringing to mankind the fulfillment of its long-cherished hope for a lasting peace.

We Look Forward To Serving You During 1975

YOUR SURGE DEALER

GROFF EQUIPMENT
2 W. State St.
Quarryville, Pa.
Phone: 717-786-7225

LESTER B. BOLL
RD1, Lititz, Pa.
Phone 717-626-6198

GLENN E. HURST
RD2, East Earl, Pa.
Phone 215-445-6865

BRANDT'S FARM SUPPLY INC.
601 East High St.
Elizabethtown, Pa.
Phone: 717-367-1221

IS your whatchamacallit on its last leg?

TELL US NOW . . . before any of your equipment gives out and socks you with expensive downtime. As soon as you anticipate trouble, let us know We'll have the right replacement parts on hand when your whatchamacallit konks out completely. Just a simple phone call could keep a minor repair job from tying up your whole operation. You can help us to serve you better.

Nissley Farm Service
Washington Boro, Pa

L. H. Brubaker
Lancaster, Pa

Roy H. Buch, Inc.
Ephrata, R D 2

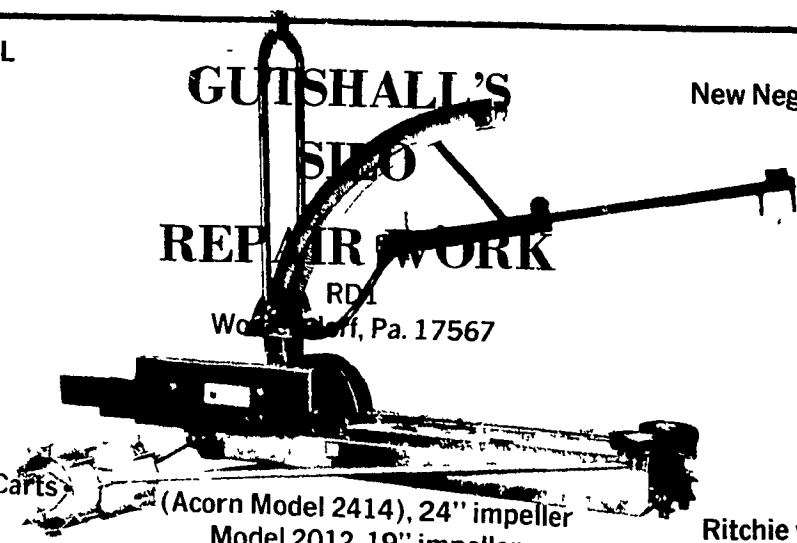
Grumelli Farm Service
Quarryville, Pa

BHM Farm Equipment, Inc.
Annville, R D 1, Pa.

ALLIS-CHALMERS

ROBERT GUTSHALL
(717) 933-4616

GUTSHALL'S SILO REPAIR WORK
RD1
Woodbine, Pa. 17567



Lancaster Pipe & distributors
Acorn unloaders
bunk feeders
tube feeders
generators
chute hoppers
Self Unloading Silage Carts
Cattle and hog feeders
Automatic roller mills

(Acorn Model 2414), 24" impeller
Model 2012, 19" impeller
Model 3013, 27" impeller

New Negley-Miller Silos
silo blowers
conveyors
barn cleaners
calf stalls
free stalls
cow mats
barn fans
Ritchie water fountains

Comparing Present and Proposed Beef Grades

by Kenneth E. Nelson
and
Roy N. Van Arsdall

Beef production in the United States has totaled around 22 billion pounds in recent years. About three-fifths of the quantity produced has been officially graded by U.S.D.A. Of that graded, about 80 percent was Choice, 12 percent Good, and 6 percent Prime with the remainder falling into processing grades. The Choice grade has long been considered an assurance of high palatability to consumers and a target for producers.

A change in grading standards has been proposed which would change the marbling and maturity requirements for the higher grades of beef, eliminate the use of conformation as a factor in determining quality grade, narrow the requirements for the Good grades, and require that all beef graded for quality also be yield graded. The greatest impact of the change would be on the Good and Choice grades which have accounted for over 90 percent of all beef officially grade-marked by U.S.D.A. in recent years. This article examines the proposed grade changes with respect to stated objectives and functions of grades and possible effects on industry segments.

BEEF GRADING

USDA's voluntary grading system has long been an institutionalized part of the beef industry in the United States. Most fed beef is examined for grade, though not always grade marked. Both government and private agencies report prices by USDA grades, and most livestock and meat transactions involve USDA grades in price negotiation.

There are eight quality grades included in the present standards. Prime, Choice, and Good are the most familiar to the public and most relevant to fed cattle.

Present quality grading standards involve palatability indicating characteristics, combined with conformation to form a final grade. Marbling and maturity have the greatest bearing on the quality grade. Conformation considers the proportion of meat to bone and of high to low value cuts. Marbling in excess of the minimum necessary for a grade can compensate for a lack of conformation, and conformation can compensate for marbling except in the Choice and Prime grades. Yield grading is available on an optional basis to identify cutability differences among beef carcasses.

Controversy still exists regarding the relevance and value of the different components that comprise USDA beef grades. Nevertheless, research and experience over the years have resulted in increasing agreement.

Marbling and maturity: Marbling is the factor longest considered an important palatability attribute. It has been associated with juiciness, tenderness and flavor. As animals mature, muscle tends to become dryer, darker in color, coarser in texture, stronger in flavor; and, at least at ages beyond 30 months, tougher. Marbling tends to improve palatability, particularly juiciness and flavor.

Although many studies have sought to identify the relationships among marbling, age, tenderness, and flavor, this has proven to be a very complex field. Positive correlations have been found, but only in weak and vague terms. Marbling has more influence on palatability as animals mature. However, in the case of young animals, such as those within the "A" maturity group of 9 to 30 months, increased marbling associated with maturity has less effect on palatability.

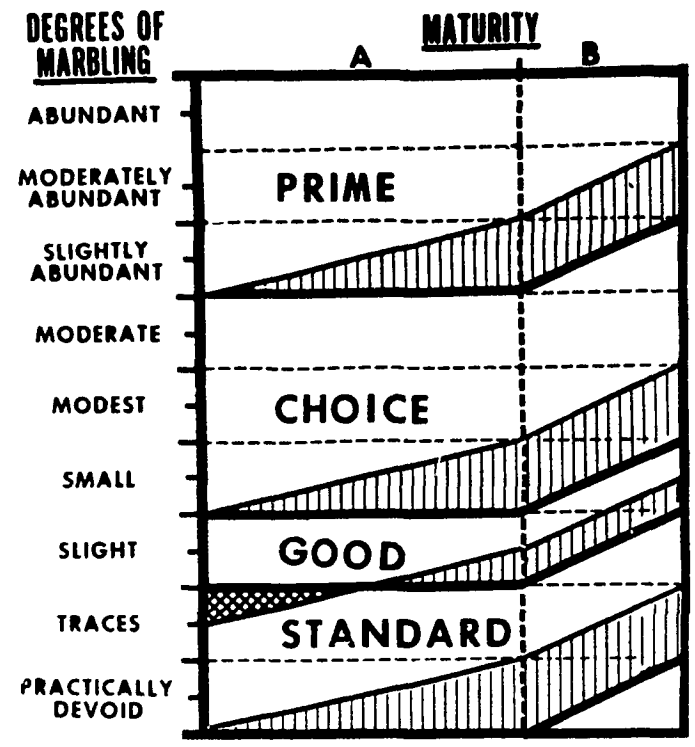
Conformation: For many years conformation has been considered to be an indicator of the ratio of meat to bone and of high to low value cuts. Research has shown that conformation is not a significant factor in palatability. In addition, some researchers have questioned its bearing on cutability.

Yield grade: Yield grading was introduced on a voluntary basis in 1965 and an increasing proportion of carcasses have been yield graded since that time. The specifications state that a carcass typical of its yield grade (yield grades number 1 through 5) will cut out about 2.3 percent more retail product from the round, loin, rib, and chuck than the next lower (highest number) yield grade. The measures or estimates used in the yield grade equation are hot carcass weight; percent kidney, pelvic and heart fat; fat thickness at the twelfth rib; and ribeye area. Research has generally supported the use of yield grades when trimming of carcasses is uniform. The final trim on retail cuts, however, has a large effect on the actual realized cutout on a given carcass

Other factors: Color, firmness, and texture of the meat affect grade only if they are unusual for the maturity of the carcass being graded

(Continued from Page 7)

PROPOSED CHANGES IN THE RELATIONSHIP BETWEEN MARBLING, MATURITY, AND QUALITY GRADE



Areas which would be included in the next higher grade.

Area which would be changed from Good to Standard.

AGWAY

Strong dependable Rigid Rib Steel

Super performing, long-lasting Rigid Rib Steel is made of tough 29 gauge steel which will support a 40 pound per square foot load of snow (with purlins spaced 36"apart). Its unique self-draining channel design just won't allow any seepage; it has no flat, wide areas to weaken it either. Available in galvanized or a variety of attractive colors.

10 Ft. Galvanized Regular Retail $7.39
10% Off Cash & Carry Price $6.66
10 Ft. Baked On Enamel Red-White-Turquoise Regular Retail $9.85
10% OFF Cash & Carry $8.87

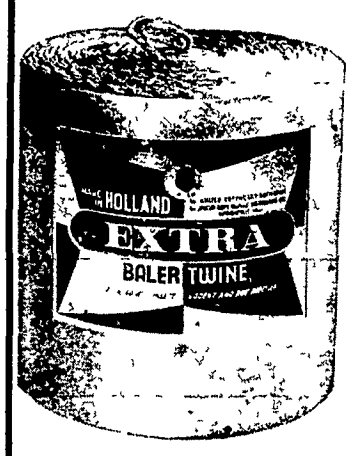
ALSO AVAILABLE IN ALUMINUM 10% OFF Cash & Carry

AGWAY SUPPLY CENTER
1027 DILLERVILLE ROAD,
LANCASTER, PA.
PHONE 717—397-4761

DELMARK

WHY RE-TIE ANOTHER BALE?

THE TWINE WITH THE EXTRA HIGH KNOT STRENGTH



EXTRA HOLLAND BALER TWINE
- the ball with the wooden plug
- 9,000' and 10,000'

MADE FROM NO. 1 EAST AFRICAN FIBER
THE FINEST AVAILABLE

EARLY SEASON DISCOUNTS
ORDER NOW

P. L. ROHRER & BRO., INC.
Smoketown, Pa. 717-299-2571

Beef Grades

[Continued on Page 7]

PRESENT AND PROPOSED STANDARDS

The proposed changes can be discussed in three categories: (1) Marbling and maturity, (2) conformation, and (3) yield grade.

Figure 1 displays the current and proposed standards for the relationship among marbling, maturity, and quality. The present marbling requirements are indicated by the light lines and the proposed standards by the heavier lines. The sections marked with parallel lines indicate a change to the next higher grade. The crosshatched area indicates a change from Good to Standard. A further change not indicated by Figure 1 reduces the maximum maturity allowable in the Good and Standard grades to that of Choice and Prime. The youngest cattle qualifying as beef are of "A" maturity (approximately 9 to 30 months of age). Under the proposal no increased marbling is required for increasing maturity within the "A" maturity range. With "B" maturity, increasing marbling is required with the same slope as in the current standards.

Under the proposal, conformation would be eliminated from the factors used in determining the quality grade.

Currently, carcasses may be either quality graded or yield graded or both. Under the proposed standards, carcasses, if graded must be identified for both.

In order to analyze the effects or judge the wisdom of a proposed grade change, some thought should be given to the function of grades. Grading can be defined as a method of classifying or grouping units of a commodity such that the variation or change in quality is smaller within the group than over the whole range of the commodity.

Industry objectives for grades have differed. Traders were first interested in having an unambiguous and consistent language for market news reporting and maintaining consistent supplies of goods. Early support for beef grading among farmers and their representatives was producer-oriented with a view toward the promotion of purebred cattle, although there was an agreement that grades should have meaning to consumers. Consumers were not a strong force in formulating grades, although their support has been important in preserving them. Most would agree that grades are helpful to consumers if they allow more informed shopping. Whether grades should attempt to indicate rank ordering of palatability, nutritional content, or only categorize according to "relevent criteria" is a personal judgment. Unless all consumers agree on which quality group is best, grades should probably be descriptive.

Diverse objectives or functions ascribed to grades and grading by economists may be summarized and abbreviated by directing production towards those items most demanded by consumers. Grades are beneficial if they (1) help consumers to gain maximum satisfaction from their dollars and (2) assist producers and marketing firms in allocating resources efficiently and equitably.

IMPLICATIONS

Are the grade changes consistent with economic objectives? How might separate industry segments be affected? What reallocation of resources might be expected due to the adoption of the proposed grade change?

Economic Objectives

Conformation: Conformation as presently identified is not a good criterion for carcass grading. It has served to change the quality group or grade assigned to a carcass. Therefore, it has added variability within quality classes.

Its elimination, especially with the availability of the yield grade, which does a better job of measuring the effects of differences in cutability, is consistent with increasing homogeneity within a quality class, without affecting the number or width of grades.

Yield grade: Variation in cutability exists within quality grades (under both the current or proposed standards). The yield grade explains an important part of this variability. Yield grade, therefore, identifies the variation in cutability within quality grades and has the potential for improving pricing accuracy.

Marbling and maturity are a part of the grade standards solely to classify beef for eating quality. The proposed change is merely a definitional one. If it results in more homogeneous grouping of real and valuable attributes within grades, then the change is desirable. The direction of the change is consistent with recent palatability research.

Effect on Industry Segments

Consumers: The part of the change of direct concern to consumers is the marbling and maturity relationship. This change is small and probably undetectable to consumers for beef in the Prime and Choice grades. The variation within the Good grade should be reduced to an extent noticeable to consumers having access to meat graded Good. The consumer could be indicrectly affected by lower relative prices of Choice if the supply of Choice should increase dramatically due to the change, and by lower prices in general if efficiency of the industry is improved.

Retailers: Many retailers have found it profitable to carry only one grade of beef, often Choice or a branded product consisting of Good as well as other grades. If the demand for Good increases, they may find it profitable to carry both Good and Choice.

Retailers who have successfully specialized in merchandising "top Good" beef under a brand name may find some of their supply gone to the Choice grade. These retailers would have to adjust to a different grade level for branding or adjust their merchandising practices in some other way. Retailers who normally have carried the Choice (or Prime) grade would also be affected by an increase in the supply of Choice relative to Good.

Pakcers: Packers may find it necessary to adjust buying practices to account more closely for cutability

[Continued on Page 9]

Place Your Order NOW for Dec. & Jan. deliveries & SAVE BIG CASH DISCOUNTS.

BULK BLENDS MASTER FARMER ANHYDROUS AMMONIA

ORGANIC PLANT FOOD CO.

2313 Norman Rd., Lancaster, Pa. Ph. 397-5152

AGWAY

CALORIC® GAS RANGE

CALORIC AUTOMATIC PILOTLESS IGNITION only "on" when you need it cool - clean - conserves gas

SAVES MONEY ON GAS BILLS

Caloric Ranges with PILOTLESS Ignition use up to 30 percent less gas than modern ranges with standing gas pilots

CONSERVES GAS ENERGY

PILOTLESS Ignition is trouble-free — no pilot to blow out, and with no gas pilots at all there will be fewer service calls

SAVES MONEY ON SERVICE CALLS

The PILOTLESS Ignition System works only when needed; saves because there are no gas pilots to burn constantly

KEEPS KITCHEN COOLER

PILOTLESS Ignition means a cooler kitchen when range is not in use Heat from standing gas pilots is eliminated

AGWAY LP GAS SERVICE AGWAY

AGWAY PETROLEUM CORP.

Dillerville Road, Lancaster Phone 717-397-4954

JAMESWAY Volume-Belt Cattle Feeder

Feeds Fast without Separation

JAMESWAY

* Only 1-1/2 hp. Up to 250 Feet
* Big Capacity Belt Carries Feed
* Works In-Barn or Out

Stop In Today for Free Catalog.

YOU CAN COUNT ON US

AGRI-EQUIP.
R D 2, Farmersville Ephrata, Pa
717-354-4271

M. E. SNAVELY
455 South Cedar Street Lititz Pa
717-626-8144

M. S. YEARSLEY & SONS
110 114 East Market Street, West Chester, Pa
215-696-2990

HENRY S. LAPP
RD1 Cains Gap Penna 17527
717-442-8134

CARL L. SHIRK
5 Colebrook Road, Lebanon Pa
717-274-1436

DEPENDABLE MOTOR CO.
East Main Street, Honey Brook, Pa
215-273-3131

GRUMELLI FARM SERVICE
Robert Fulton Highway, Quarryville Pa
717-786-7318

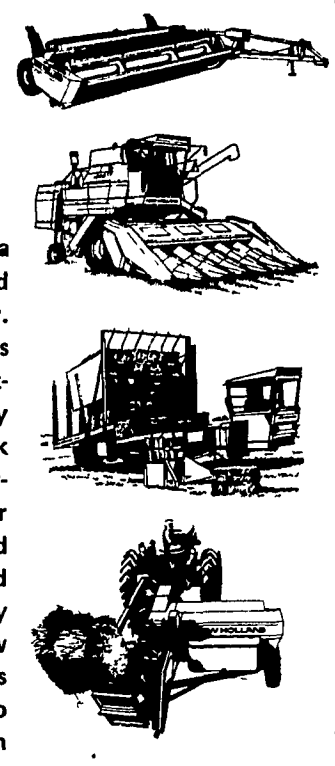
LANDIS BROTHERS
1305 Manheim Pike, P.O Box 484, Lancaster, Pa 717-393-3906

ERB & HENRY EQUIP., INC.
22-26 Henry Avenue, New Berlinville Pa
215-367-2169

READ LANCASTER FARMING FOR FULL MARKET REPORTS

SPERRY NEW HOLLAND

SERVICE IS THE KEY!



There's more to buying a machine than the nuts and bolts that hold it together. Fast, reliable service is just as important as the machine itself. We sell the best -- Sperry New Holland. And we back our machines with a "we service what we sell" policy. Our service department is staffed by men with experience and training. They know every part of each Sperry New Holland machine that leaves the lot. And they are ready to fix it fast if you should run into problems.

STOP IN SOON!
LET US SHOW YOU
HOW OUR RUGGED
SPERRY NEW HOLLAND EQUIPMENT,
AND OUR EXPERT SERVICE
STAFF CAN WORK FOR YOU!

A.B.C. Groff, Inc.
110 S Railroad Ave
New Holland
354-4191

Roy A. Brubaker
700 Woodcrest Ave
Lititz, Pa
626-7766

L. H. Brubaker
350 Strasburg Pike
Lancaster
397-5179

C. E. Wiley & Son, Inc.
101 S Lime St
Quarryville
786 2895

Beef Grades

[Continued from Page 8]

than in the past. Packers may have to renegotiate customary pricing practices with both their buyers and sellers. They will lose the option of quality grading and-or yield grading. Presently some carcasses with quality grade "highest" tend to yield grade "lowest." Therefore, some packers have found it advantageous to yield grade the 1's, 2's, and 3's but not the 4's and 5's and to identify the Prime and Choice, but not the "lower" grades. This option would no longer be available under the proposed changes. The option to grade or not grade would remain.

Feeders: Those feeders who attempt to feed a lot of cattle until a given proportion of the cattle grade Choice may find that this can be done with fewer days on feed using less feed. Feeders may have to give greater consideration to the reduction in cutability of cattle as they are fed to heavier weights. Discounts for "overfat" cattle have occurred in the past mainly when there were a large number of overfat cattle coming to market or when the cattle were extremely and obviously "too fat." Greater attention may also need to be paid to the potential of purchased feeder cattle.

Producers: The elimination of conformation from the grade standards does not mean that this factor is not important in selection and breeding. Breeders can concentrate their efforts on musclins since variation in muscling affects yield grade. Cattle feeders may demand more verifiable information on feedlot performance of calves.

POSSIBLE CHANGES IN RESOURCE ALLOCATION

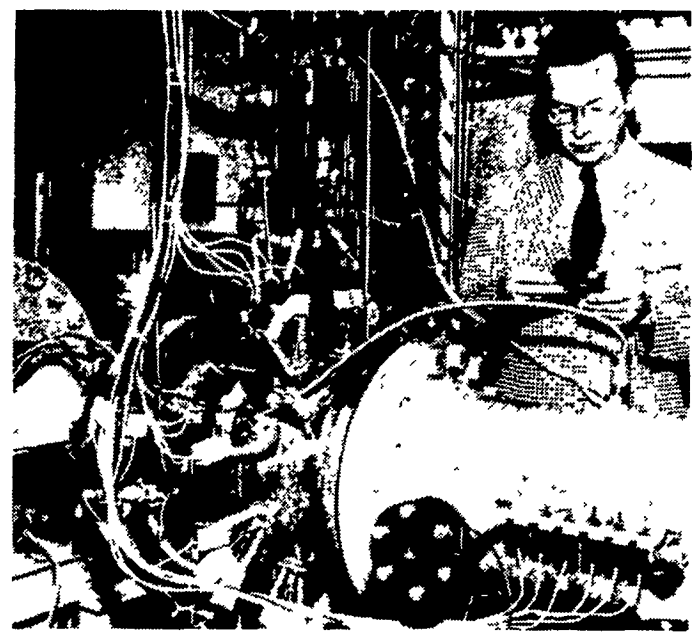
The proposed changes have the potential for increasing efficiency of beef production and hence reducing expenditures throughout the market system. They may also result in shifts in resource allocation in cattle raising and finishing.

Live cattle tend to trade on an "average basis." Present prices for slaughter cattle and beef carcasses may not reflect true value differences between individuals. Therefore, feeders may feed cattle longer using more feed and perhaps a different type of cattle than would be the case if the price received reflected differences in fatness.

As a beef animal gains weight in the feedlot each additional pound is composed of less protein and water and more fat. Fat requires more energy than muscle and maintenance requirements increase with weight so feeding becomes progressively more expensive. Most animals also move through the quality grades from Good to Choice to Prime, given enough time and feed. Marbling, conformation, and dressing percentage tend to increase through the feeding period while cutability decreases. The feeding period would tend to be shorter, other things the same, if there is a price discount associated with decreasing cutability than if there is not. Similarly the decrease in marbling required (for animals of typical "A" maturity) implies that some animals would grade Choice at a lower weight with less marbling under the proposed standards than under the current ones. If the feeder plans to feed to the Choice grade, then less feed will be required.

Lighter weights mean less meat as well as less fat. If the same total amount of meat is to be produced, this means either more cattle, or cattle of a larger mature size would be needed. Approximately two-thirds of the total feed energy utilized in producing a 1,000-pound slaughter steer is used by the cow and its breeding support, and the calf by the time the calf is weaned. A readjustment in resource use from concentrate feeding toward roughage and breeding resources could ensue.

(The authors are agricultural economists with the USDA's Economic Research Service, stationed at Urband, Ill.)

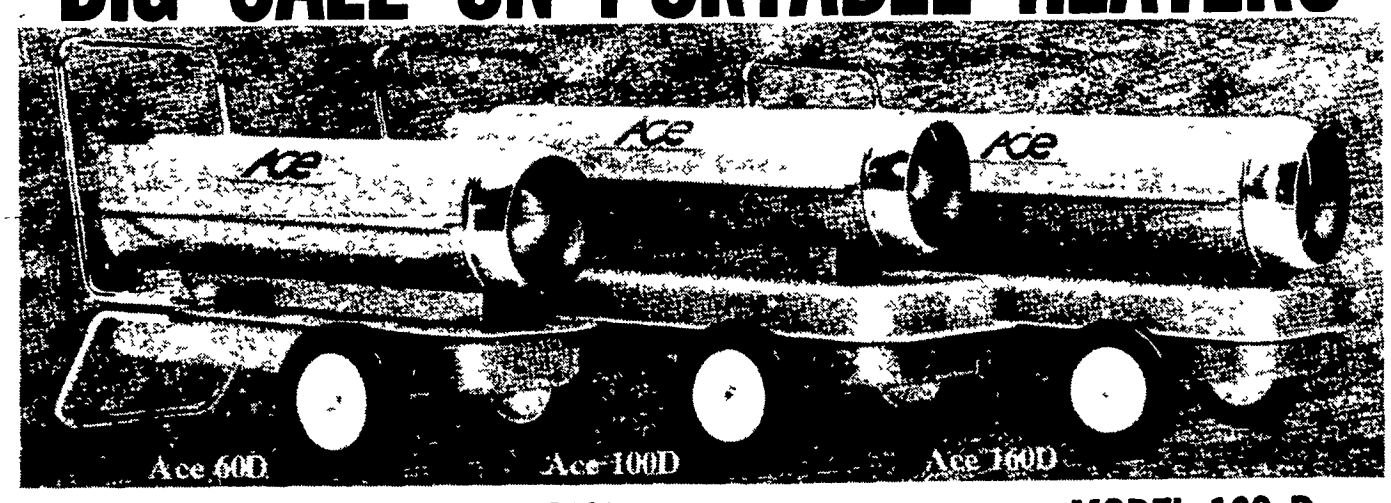


NEW FUELS SEARCH . . . Engineer Robert Ehlers examines a combustor nozzle used in tests of alternative jet engine fuels at NASA's Lewis Research Center in Cleveland. Blends of jet fuels are tested in JT8D jet engine combustor, center, to determine combustion and emission characteristics. Testing is part of a Fuels Technology Program to explore alternative fuels for jet engines, such as fuel derived from oil shale and coal, so that jet aircraft someday may not be solely dependent on petroleum resources.

TRY A CLASSIFIED AD

BIG SALE ON PORTABLE HEATERS

FREE THERMOSTAT
Value $24 95
WITH THE PURCHASE OF OIL SPACE HEATER



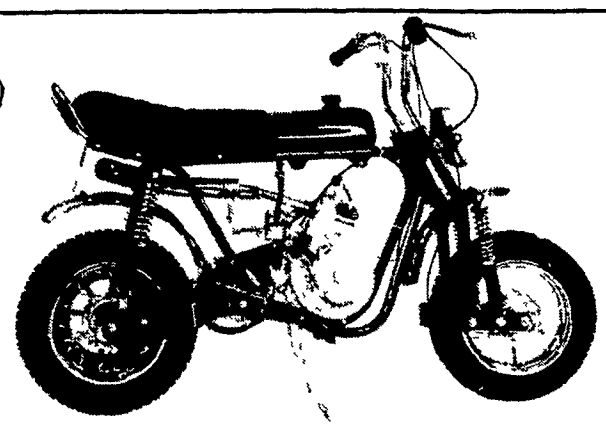
3 MODELS TO CHOOSE FROM

MODEL 60D - 60,000 B.T.U.
Reg. $199.05 SALE $159.95

MODEL 100 D - 97,000 B.T.U.
Reg. $231.30 SALE $185.95

MODEL 160 D - 150,000 B.T.U.
Reg. $285.30 SALE $227.95

MTD



TRAIL BIKES . . . MAKE THE SCENE
Model No. 361-650 with 4 H P. with alternator
Complete with Torque Converter
This one lets you command a big piece of the trail The sleek, custom design belies its brute strength. Handles rough terrain with unquestioned authority, hugs the ground at all speeds Exclusive leading link suspension cushions shocks more evenly while asymmetric torque converter puts power where you need it when you need it

LIST $379.95 SALE $299.95

FARMERSVILLE EQUIP., INC.

R.D. NO. 2 EPHRATA (FARMERSVILLE) 354-4271

Farm Commentary

HATCHERY OUTPUT CONTINUES DOWN

U.S. hatchery production continues down Broiler-type chick output, at 228.7 million, off 10 pct from a year earlier, egg-type output, at 32 7 million, off 19 pct. from a year earlier

This marked the 8th straight month the broiler-type hatch has been below that of a corresponding month a year earlier, the 11th straight month that the egg-type hatch has been down

The Jan - Nov totals Broiler-type chicks hatched, at 2 85 billion down 3 pct. from a year earlier, the egg-type hatch, at 440.5 million, down 12 pct from a year earlier.

HOG IMPORTS CONTINUE UP

Hog imports, already record high, continue up. But, cattle imports for all of 1974 may be the lowest in a decade and imports of sheep and lambs, the lowest in 13 years.

Hog imports at 8,692 head during October up 22 pct. from a year earlier. Cattle imports, at 8,698 head during the month, less than a third of the Oct. 1973 total. Sheep and lamb imports, at 136 head, less than one tenth of a year earlier

The Jan. - Oct. totals Hogs at 182,821 head, 2½ times that of a year earlier and more than double the previous record high (of 89,032 head) for all of 1972 All are from Canada.

Cattle, 545,452 head, down 25 pct from a year earlier as it appears the total for all of 1974 will be the lowest since (the 546,606 total) 1964

Sheep and lambs: 536 head, less than one tenth of a year earlier and it appears the total for the year will, perhaps, be as low as the 1961 total of 979 head

MEAT IMPORTS DOWN SHARPLY

U.S meat imports continue off October imports of Meats subject to the Meat Import Law (mainly fresh and frozen beef and veal) totaled only 72 3 million lbs , less than half of the Oct 1973 total Imports of all red meats (those covered by the Meat Import Law, plus preserved and canned beef and veal and all pork and lamb) totaled 112 million lbs during the month, down nearly 50 pct from a year earlier

The Jan - Oct totals Imports covered by the Meat Import Law, 880 8 million lbs , down 22 pct , all red meats, 1 340 billion lbs , down 17 pct from a year earlier

WORLD WHEAT OUTPUT NOW SEEN LOWER

World wheat production now seen lower The reason Lower than expected USSR output and what is described as a "deteriorating" crop in Argentina These losses have more than offset a higher than expected Canadian crop and an Australian crop that is turning out to be bigger than anticpated

Russia's wheat crop, seen at 90 million metric tons only a month ago, is now seen at 88 million tons, down 22 pct from a year ago Argentina's crop, seen at 6 5 million tons a month ago, now seen at 5 0 million tons Canada's crop, seen at 13 4 million tons last month, now estimated at 14 2 million tons, Australia's, seen at 11 0 million tons last month, now estimated at 11 7 million tons Overall world wheat output now seen at just under 350 million tons, this against a projected 359 million tons last month and last year's 361 million ton output

NOW IT'S AN OLIVE SHORTAGE

The Spanish table olive harvest is seen at less than 70,000 tons That's down 50 pct from last year Moreover, only 38,000 tons of the 1974 production are exportable varieties, compared to 111,000 tons last year

Exports last year totaled 80,000 tons, with exports to the U S alone at 36,619 tons

U.S WHEAT PLANTINGS UP 6 PERCENT FOR '75

Farmers have planted 55.5 million acres of winter wheat for harvest next year, up 6 per cent from 1974 and the most since 1953, the Agriculture Department said Monday

Based on Dec. 1 surveys, the department's Crop Reporting Board said the 1975 winter wheat crop could produce a record 1,599,527 000 bushels, up 15 per cent from the 1974 peak of 1 391 300 000 bushels

The estimate was the department's first official indication of 1975 crop prospects and raised hopes that next year s harvest will signal a rebuilding of U S wheat reserves to help meet world food needs.

Officials said the 1975 winter wheat harvest could average 28 8 bushels per acre, compared with 26 5 bushels from the 1974 crop A year ago, in response to soaring grain prices, farmers planted 52 4 million acres of 1974 winter wheat, a boost of 21 2 per cent from the 1973 crop

Winter wheat accounts for about three-fourths of the U S bread grain and is concentrated mainly in the Great Plains It is planted in the fall, lies mostly dormant in the winter and then matures for harvest the following spring and summer

In Kansas, the leading wheat producer, the report showed farmers increased plantings 4 per cent from a year ago, and are expected to produce 375 million bushels, compared with 319 million this year and the record of 384 8 million in 1973

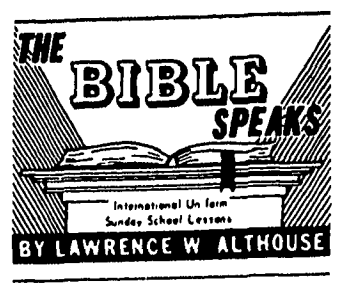
The total 1975 wheat crop will include durum and other types to be planted next spring as well as the winter variety farmers planted this fall There was no estimate of 1975 spring wheat production in Monday's report

However, 1974 production of spring wheat was about 402 million bushels. If 1975 output holds about the same, total U S. wheat production next year would be about 2 billion bushels.

Department experts last spring said the 1974 wheat crop was expected to total nearly 22 billion bushels, based on planted acreage and an assumption farmers would get normal weather

The weather was not normal, however, and grain farmers — including those who raise wheat — suffered substantial losses from too much rain last spring and drought last summer

Consequently, the 1974 harvest of all wheat was less than 18 billion bushels, a record crop, but not enough to meet all expected demands until next season's grain is ready



BODY AND SOUL

Lesson for December 29, 1974

Background Scripture: Luke 4:14-21; 5:17-26; 13:10-17.
Devotional Reading: Isaiah 49:8-13.

There are two grave errors that man is likely to make about his own nature. On the one hand, he is likely to forget that his body has a soul. On the other, he is likely to forget that his soul also has a body. Somehow we must find some means of keeping both body and soul in the proper perspective.

The Spirit of the Lord

Jesus ministered to whole men, not bodies or spirits by themselves. He realized that the soul and the body act upon each other and one cannot deal with one perspective of man without also dealing with the other.

In our society today there is a tendency for Christians to major in one department to the exclusion of the other. We are catalogued as being concerned for one or the other, rarely both. So, some Christians never get beyond ministering to the physical and tangible needs of men. Others become so focused on the souls of men that they seem to forget that there is a body attached.

That is why the ministry of Jesus is so instructive for us: it is a ministry of wholeness, not specialization.

Some people assume that there is something incompatible about body and spirit, that the Christian's only concern must be for the soul. Yet, when we view the ministry of Jesus we find a great concern for men's physical wellbeing. When Jesus read the scroll of Isaiah in the synagogue, note how he focused on physical wellbeing:

"... good news to the poor ... release to the captives ... recovering of sight to the blind ... to set at liberty those who are oppressed ... " (Luke 4:18).

When John the Baptist's disciples came to Jesus asking if he really were the Messiah, Jesus responded by pointing to his ministry to the physical and spiritual needs of men. It was his concern for people's bodies that made his "good news" so good.

But That You May Know ...

We find this same focus in the daily ministry of Jesus. In Luke 4 we find concern for both body and soul. For one thing, Jesus could easily see that this man was suffering a physical ailment: he was paralyzed. Jesus quickly determined to set this man on his feet: "I say to you, rise, take up your bed and go home" (4:24).

Yet, Jesus cannot minister to the man's body without taking cognizance of his soul, too: "Man, your sins are forgiven you" (Luke 5:20). This, of course, gave the religious authorities difficulty, for they assumed that body and soul had to be kept separate. But to Jesus, body and soul are just two different sides of the same coin. And Jesus demonstrates this when he challenges the authorities: "Which is easier, to say, "Your sins are forgiven you," or to say, "Rise and walk"? (Luke 5:23).

It is body **and** soul, or it is neither.

Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U.S.A. Released by Community Press Service.)

NOW IS THE TIME...

Max Smith
County Agr. Agent
Telephone 394-6851

To Keep That Christmas Tree Moist

Holiday Safety in the home starts with a fresh Christmas tree and then keeping it wet for the time that it is indoors. A dried out evergreen in the house is a definite fire hazrd. Living trees that are to be planted on the landscape should not remain in the house more than a week or ten days; they too, should be watered to keep the ball of soil moist. All types of open flames should be kept away from the tree and other decorations.

To Evaluate Farm Records

Farm records will soon be closed out for this year and a time when farm operators should study them carefully in helping to make plans and decisions in the future. Not only are farm records needed for income tax reporting but to direct the effort in the future. Successful enterprises might be expanded while those not profitable are to be decreased or eliminated from the farm operation. We urge farmers to do some "pencil pushing" at this time of the year in order to make the best use of farm records.

To Control Chickweed In Alfalfa

We have reports of rank growth of chickweed in both new and old seedings of alfalfa. A young weed is much easier to kill than a mature weed so the sooner these chickweed problems are sprayed, the better will be the control. There are several materials that can be used depending upon the age of the stand and if any grasses are present. Refer to the Agronomy Guide or the local herbicide dealer for details. The important thing is to eliminate the chickweeds before they get mature and more difficult to control.

To Protect Stored Corn

The farm storage of corn is rather high this winter and this crop is worth record number of dollars. We hope that owners will make every effort to protect the quality of the corn so that it will command top market price. Moisture is one factor that will cause spoilage. Rats and mice can do a lot of damage to corn and reduce the sale value. Special effort to protect the corn crop at this time could mean more income later this winter or next spring.

Farm Calendar

Wednesday, January 1
Annual Pork and Sauerkraut Dinner at the Leola Fire Company. 12:00 noon to 6:00 p.m. with take out orders available.

Thursday, January 2
Annual Lancaster County Tobacco Show at the Farm and Home Center in the Extension basement rooms. Classes will be the same as for the State Farm Show Exhibits received beginning at 12:00 noon Judging begins at 1:30 p.m.

Sunday, January 4
State Farm Show begins in Harrisburg with Governor's preview and tour.

Farm Women Calendar

Saturday, December 28
Farm Women Society 5 meeting at 1:30 p.m. a Christmas party at the home of Emma Peifer.

Tuesday, January 7
Farm Women Society State meeting reconvenes at 9:00 a.m. in meeting room F in the Main Farm Show Building.

Monday, January 6
State Convention of the Farm Women Societies in Harrisburg. Beginning at 10:00 a.m. at the Forum-Education Building.

Farm Women's State Banquet at Penn Harris Motor Inn Camp Hill at 6:00 p.m.

American Viewpoints

Let no guilty man escape, if it can be avoided No personal considerations should stand in the way of performing a public duty
Ulysses S Grant

ABC Employees Honored

Atlantic Breeders Cooperative honored 12 or its employees at two different functions last week. Honored Monday night as the Good 'N Plenty Restuarant were:

Robert J. McDowell, 522 Valley Ave., Atglen. McDowell received Atlantic Breeders and National Association of Animal Breeders awards for 25 years of service. McDowell covers eastern Lancaster County for Atlantic, nad has nearly 79,000 first service inseminations to his credit, more than any other Atlantic technician.

Edwin Sauder, Manheim R7, a local field supervisor, received a 20-year servicce award.

Glenn R. Geib, Conestoga R2, was recognized for completing 10,000 first service inseminations. He has been with the cooperative for three-and-a-half years.

Paul W. Werner, Mt. Joy R2, an Atlantic breeder for 19 years, was honored for his 60,000 services.

Harold Bollinger, Newmanstown R1, was recognized for his 20 years on Atlantic's board of directors. He represents members in Lebanon and Dauphin Counties, and also serves on the executive committee.

William P. Moore, Chatham, a director and executive committeeman, was honored for his 10 years of service on the Atlantic board. He represents members in Chester and Delaware Counties as well as the state of Delaware.

William R. Massa, East Prospect, manager of the York branch office of Atlantic, received an award for 50,000 first services. He is in his 26th year with Atlantic.

On Thursday night, another group of Atlantic people were honored at Hostetter's Banquet Hall in Mount Joy.

David Yoder, 1585 Apollo Drive, Lancaster, was recognized for his 30 years of service to the cooperative. Yoder has been Atlantic's general manager since 1944. He also presently serves as chairman of the Lancaster Chamber of Commerce agriculture committee, and serves as president of the National Association of Artificial Breeders.

Roger L. Emig, 47, Royal St., York, also received a 30-year service award. Emig is the cooperative's marketing director.

Garnet Keefer, 924 Pine Hill Rd., Lititz, received an award for his 15 years of service in the ABC barns.

Atlantic Breeders Cooperative employees honored at an awards banquet last Monday night were, left to right: Robert J. McDowell, 522 Valley Ave., Atglen; Edwin Sauder, Manheim RD7; Gerald R. Geib, Conestoga RD2; and Paul W. Werner, Mount Joy RD2.

Herman Stebbins, left, president of Atlantic Breeders Cooperative, and Earl L. Groff, third from left, the coop's very first president, got together Thursday night to present 30-year service awards to Roger L. Emig, right, and David Yoder. Yoder is the coop's general manager, while Emig is marketing director.

Announcing

OPEN HOUSE

FRIDAY & SATURDAY

JAN. 17 & 18

9 A.M. to 4 P.M.

SEE OUR BIG DUTCHMAN EQUIPPED HIGH DENSITY TRI-DECK LAYER CAGE SYSTEM.

Watch for more detailed information in future issues of this newspaper

HERSHEY EQUIPMENT CO.

215 Diller Ave. New Holland, Pa.
Phone 717-354-4576

Cut your feeding costs with
AUREO S 700 and AUREOMYCIN
32 pounds extra gain in 166 days—9% faster rate of gain—5% less feed per pound of gain—a $7 79 return per $1 invested—that s the record produced in five trials using AUREO S 700* during the first 28 days followed by AUREOMYCIN* chlortetracycline
This is the reason cattlemen across the country use this winning combination of disease control and growth promoting additives in their feeds
AUREO S 700 helps maintain gains in the presence of respiratory disease such as shipping fever AUREOMYCIN promotes growth improves feed efficiency aids in the prevention of liver abscesses helps prevent foot rot and aids in the reduction of bacterial diarrhea
Now is the time to put AUREO S 700 and AUREOMYCIN to work for you in your cattle feeding operation Available in manufactured feeds or in Crumbles form American Cyanamid Company Princeton New Jersey 08540
AUREO S 700 is the registered trademark for a premix of AUREOMYCIN* chlortetracycline and SULMET* sulfamethazine Withdraw AUREO S 700 seven (7) days before slaughter No withdrawal required for AUREOMYCIN when fed at less than 350 mg per head daily
Put more GROW POWER in your feed
S 700
AUREOMYCIN

AVAILABLE AT

GEHMAN FEED MILL, INC.
DENVER, PA

GRUBB SUPPLY CO.
ELIZABETHTOWN, PA.

PENNFIELD FEEDS
711 Rohrerstown Road
Lancaster, Penna.

LANCASTER COUNTY DHIA MONTHLY REPORT

NOVEMBER 1974

A Registered Holstein cow owned by Ernest & Paul Sauder, 924 Silver Spring Road, Lancaster, completed the highest 305 day lactation. Faith produced 22,914 pounds of milk, 1,009 pounds of butterfat with a 4.4 percent test. Second high lactation was completed by a Registered Holstein cow owned by Titus B. Stoner, 3207 Bowman Road, Landisville. Hilda produced 20,230 pounds of milk, 922 pounds of butterfat with a 4.6 percent test in 305 days.

The herd of Rufus G. Martin, RD3, Ephrata, had the highest daily butterfat average. This herd of 28.3 Registered Holstein cows averaged 57.4 pounds of milk, 2.13 pounds of butterfat with a 3.7 percent test. The herd of J. Z. Nolt, RD1, Leola, placed second. This herd of 35.4 Registered Holstein cows averaged 55.9 pounds of milk, 2.10 pounds of butterfat with a 3.7 percent test.

FIRST 305 DAYS OF LACTATION WITH 690 OR MORE POUNDS OF BUTTERFAT.

OWNER COW'S NAME	BREED	AGE	DAYS	MILK	TEST	FAT
Ernest & Paul Sauder						
Faith	RH	8-0	305	22,914	4.4	1,009
Star	RH	8-1	302	23,117	3.6	836
Ann	RH	5-1	305	21,203	3.9	825
Bambi	RH	8-3	305	20,544	3.9	807
Titus B. Stoner						
Hilda	RH	3-5	305	20,230	4.6	922
Dawn	RH	3-5	305	18,528	4.4	817
Robert L. Shelly						
Beth	RH	7-7	305	22,490	4.0	907
Harold L. & Don Musser						
Sweetie	RH	4-4	305	20,[illegible]	4.5	900
Sandra	RH	5-5	305	18,[illegible]	4.4	837
J. Mowery Frey Jr.						
Bobbie	RH	5-1	305	18,358	4.8	899
Renee	RH	5-4	305	20,[illegible]	4.0	826
Paul W. Zimmerman						
42	RH	5-5	305	26,[illegible]20	3.4	879
John Omar Stoltzfus						
Mary	RH	5-1	305	22,972	3.8	878
Linn	RH	5-3	305	18,699	4.1	761
Ada	RH	7-4	305	17,725	4.0	716
Aaron E. Beiler						
Polo	RH	7-1	305	19,913	4.4	878
Robert F. & Joan B. Book						
Lucinda	RH	5-7	276	18,471	4.7	868
Duchess	RH	7-9	305	17,724	4.1	718
Herbert & Rhelda Royer						
Button	RH	8-2	305	24,382	3.5	852
Princes	RH	8-6	305	22,190	3.8	851
Pat	RH	4-2	300	19,513	3.8	738
Ivan Z. Martin						
Flo	RH	7-2	305	21,259	4.0	851
Joy	RH	7-4	305	19,923	4.3	849
Ellein	RH	9-1	305	15,721	4.6	716
R. Edwin Harnish						
Tinkles	RH	9-4	305	20,466	4.1	849
LeRoy S. Smucker						
Dela	RH	6-4	305	24,372	3.5	846
Donald R. Bare						
14	GrH	5-3	305	23,966	3.5	845
John A. Harsh						
Gisele	RH	4-1	305	17,592	4.8	839
Flossie	GrH	5-3	305	20,486	4.1	834
Jesse G. Balmer						
Cocoa	RG	7-1	305	16,612	5.1	839
Poppy	RG	6-0	305	15,117	4.8	722
Henry E. Kettering						
Dina	RH	8-7	305	18,198	4.6	837
Cinda	RH	7-9	305	18,313	4.2	776
Nathan E. Stoltzfus						
Kathy	RH	5-6	305	22,551	3.7	834
Freda	RH	4-6	305	20,857	3.8	798
Lisa	RH	6-10	305	20,016	3.6	719
Rufus G. Martin						
2	RH	4-0	305	22,837	3.6	829
Lester M. Weaver						
103	RH	5-10	305	19,846	4.2	826
107A	GrH	5-3	305	21,372	3.7	783
102	RH	9-6	305	18,264	4.2	772
60B	RH	9-3	305	20,863	3.7	771
47B	RH	6-4	305	19,685	3.5	690
Calvin D. Beiler						
Lynda	RH	7-10	305	25,088	3.3	825
Samuel F. Long						
Mary	RH	6-9	305	20,239	4.1	825
Karen	RH	4-1	305	18,142	3.9	701
Vigor	RH	6-0	305	19,522	3.6	698
John L. Landis						
Apollo 21	RH	6-8	305	21,544	3.8	823
54	GrH	4-2	305	21,137	3.4	724
John S. Yost						
Moe	RH	5-5	305	18,041	4.5	820
[illegible]		4-2	305	19,016	4.1	778
Maiden	RH	6-4	305	17,944	4.0	709
Abram & John Barley						
299	RH	4-3	305	22,208	3.7	818
108	GrH	3-4	305	21,853	3.7	817
358	RH	4-0	305	16,215	4.3	696
Conewago View Farms						
Kasia	GrH	4-10	305	18,305	4.5	815
Lanette	RH	3-0	305	18,084	4.0	721
Katie	GrH	4-5	305	17,296	4.1	717
Ibessie	RH	6-0	295	17,249	4.0	692
Clyde W. Martin						
Lynn	RH	7-4	305	19,929	4.1	813
Elam P. Bollinger						
Inka	RH	4-9	305	23,923	3.4	812
John P. Lapp						
Item	RH	4-4	305	20,869	3.9	807
David K. Stoltzfus						
Brenda	GrH	6-4	276	21,294	3.8	805
Hiram S. Aungst						
7 Up	RH	5-7	298	20,116	4.0	803
Joan	RH	6-1	305	19,094	4.2	801
Carl L. Martin						
Arlene	RH	4-0	305	20,100	4.0	801
Darkie	RH	6-0	305	19,671	3.6	710
Robert H. Kauffman						
Bell	RH	5-6	305	17,246	4.6	801
Jill	RH	5-0	305	18,287	4.1	747
C. Robert Greider						
Tina	RH	7-11	305	21,610	3.7	799
Dolly	GrH	4-2	305	19,335	3.8	728
Ellis D. Kreider						
47	GrH	6-4	305	20,311	3.9	797
48	GrH	6-3	305	17,033	4.5	767
Nathan G. Stoltzfus						
Neva	RH	4-9	305	18,793	4.2	796
Emanuel S. Smucker						
Maud	RH	3-4	305	23,500	3.4	794
Ezra M. Martin						
Ethel	RH	4-4	305	18,523	4.3	793
Galen W. Crouse						
Sadie	RH	8-0	305	21,491	3.7	792
Mistress	RH	5-6	305	20,513	3.5	725
Ida	RH	8-5	305	20,519	3.5	721
Dora	RH	4-6	305	18,046	3.9	711
Jay C. Garber						
Jar	RH	4-1	305	21,710	3.6	791
Ray P. Bollinger						
Sheila	RH	4-9	305	18,739	4.2	788
John S. Wenger						
Lola 39	RH	4-8	305	19,175	4.1	783
Maurice F Welk						
Bess	RH	6-4	303	20,032	3.9	778
Hermion	RH	3-4	305	19,837	3.7	736
Mina	RH	5-3	305	22,888	3.2	732
Christ R. Beiler						
Beulah	GrH	6-11	305	18,281	4.2	776
18	GrH	6-10	305	19,762	3.8	751
LeRoy M. Oberholtzer						
Heidi	GrH	5-6	305	18,297	4.2	774
Lennie	RH	5-11	305	19,697	3.6	715
Amos M. Stoltzfus						
Laura	RH	5-7	305	22,557	3.4	767
Melvin R. Stoltzfus						
Clara	GrH	7-4	305	19,255	4.0	765
Paul N. Brubaker						
82BS	RBrSw	4-7	305	18,934	4.0	765
100	RH	7-10	305	16,643	4.2	700
Donald S. Eby						
Nanette	RH	3-0	305	18,639	4.1	764
Voni	RH	4-6	305	17,552	4.3	759
E. Richard Bruckhart						
Sunshine	RH	4-10	305	18,006	4.2	759
Harold M. Shenk						
Queen	RH	3-7	305	16,537	4.6	757
Triple H. Farms						
190	GrH	6-4	305	22,615	3.3	756
Ivan M. Hursh						
Sheryl	GrH	4-7	305	17,559	4.3	753
Lillian	GrH	6-0	303	14,750	4.7	691
Dr. James D. Cox						
64	RH	4-3	305	22,104	3.4	752
Andrew G. Miller						
Jan	RH	4-0	301	20,078	3.7	752
George M. Hurst						
Vic	RH	4-2	305	18,078	4.2	752
Harry L. Troop						
Dorothy	RH	6-8	305	18,045	4.2	752
Jonas B. Lantz						
Mae	RH	6-8	305	20,569	3.6	749
Homer G. Hess						
Twinkle	RH	2-9	305	20,139	3.7	746
David B. King						
Nancy	RH	3-3	305	20,198	3.7	745
Moses N. Good						
Adaline	RH	5-2	305	17,525	4.3	745
Spotty	RH	6-4	305	22,149	3.2	719
Lilly	RH	3-1	305	19,370	3.7	714
John M. Harnish						
Marilyn	RH	5-8	305	20,129	3.7	742
Posey	RH	3-3	305	18,387	3.8	697
John M. Stoltzfus Jr.						
Dell	GrH	5-2	305	20,091	3.7	739
William F. Guhl						
6916	GrH	4-0	305	17,996	4.1	739
Karl W. Herr						
Molly	GrH	4-3	305	18,660	4.0	738
John U. Glick						
Cherry	RH	6-10	305	21,171	3.5	737
James L. High						
Sue	RH	8-3	305	18,823	3.9	737
Stephen J. Stoltzfus						
Gal	RH	9-10	305	17,875	4.1	736
J. Z. Nolt						
Maple	RH	4-8	305	18,295	4.0	735
J. Harold Musser & Son						
38	GrH	4-6	269	19,607	3.7	734
Reuben L. Stoltzfus						
Penny	GrH	6-0	305	19,461	3.8	734
Chrstms	GrH	5-3	305	17,753	4.0	707
Henry S. DeLong						
42	RH	3-10	305	18,838	3.9	732
David W. Swelgart						
139	GrH	4-9	305	18,588	3.9	730
Elam J. Stoltzfus						
Audrey	RH	5-2	305	23,508	3.1	727
Martin E. Ressler						
Ellen	RH	5-2	305	15,709	4.6	726
Robert W. Ulrich & Son						
Bobie	GrJ	3-2	305	11,981	6.0	722
Molly	GrJ	4-1	305	14,515	4.9	708
Tilley	GrJ	3-2	305	12,630	5.5	695
Emanuel S. Lapp						
18Dot	RH	8-11	305	17,303	4.2	721
James L. Kreider						
13	GrH	5-10	305	18,659	3.8	717
71	GrH	7-8	305	18,071	4.0	714
Luke L. Martin Jr.						
Patty	RH	7-4	305	17,818	4.0	715
Marvin S. Nolt						
53	RH	5-1	305	18,831	3.8	710
J. Clayton Charles						
Polly	RH	5-4	305	17,897	4.0	710
Joseph W. Best						
23	GrH	6-3	305	19,261	3.7	709
Moses L. Lapp						
Reflect	RH	6-6	301	17,539	4.0	707
B. H. & D. R. Hershey						
Amelia	RH	4-8	305	19,027	3.7	706
Daniel M. Stoltzfus						
Dolly	GrH	5-7	305	17,379	4.1	706
Elvin Hess Jr.						
Gem	RH	5-11	305	17,137	4.1	706
Charles Lefever						
Esther	GrH	4-2	305	16,507	4.3	705
J. Kenneth Hershey						
Lena	RH	5-10	305	17,870	3.9	703
Lancaster Mennonite Hospital						
Uawn 39	RH	3-2	305	19,420	3.6	702
J. Eby Hershey						
Sharon	RH	8-4	305	16,601	4.2	699
Ivan S. Stoltzfus						
Brenda	RH	4-4	305	18,455	3.8	698
John K. Stoltzfus						
Royle	RH	4-8	305	19,678	3.5	696
Benuel F. Stoltzfus						
Bonnie	GrH	5-11	305	18,517	3.8	696
Earl N. Landis						
Brendag	GrH	4-1	305	19,452	3.6	695
Kreider & Trimble						
58	RH	6-11	305	16,885	4.1	694
57	RH	7-5	305	16,141	4.3	690
James A. Newcomer						
Gussie	RH	5-5	305	22,834	3.0	692
David L. Landis						
Carol	RH	6-2	303	15,810	4.4	692
Christian Zook						
Wanda	GrH	5-2	286	18,614	3.7	690
Quarryville Presbyterian Home & Vernon Weaver						
66	GrH	6-9	300	18,590	3.7	690

NAME BREED	DAYS ON TEST	NO. COWS	% COW DAYS IN MILK	MILK LBS.	% FAT	FAT LBS.
Rufus G. Martin						
RH	25	28.3	90.8	57.4	3.7	2.13
J. Z. Nolt						
RH	37	35.4	79.7	55.9	3.8	2.10
Curtis E. Akers						
R&GrH	33	59.1	89.1	52.6	3.9	2.06
Clyde W. Martin						
R&GrH	36	95.1	90.5	50.4	4.0	2.00
Earl N. Landis						
R&GrH	31	50.5	85.8	51.4	3.9	1.99
Paul B. Zimmerman						
RH	22	34.5	88.1	47.3	4.1	1.95
Titus B. Stoner						
R&GrH	34	43.0	92.8	48.9	4.0	1.94
Henry F. Zeiset						
R&GrH	25	38.4	90.5	51.4	3.8	1.94+
Sunny Craft Farm						
R&GrH	33	33.7	88.4	47.1	4.0	1.89
Rohrer Brothers						
R&GrH	30	52.0	90.0	48.8	3.8	1.87
R. Edwin Harnish						
R&GrH	30	40.0	84.7	45.8	4.1	1.87
J. Ray Ranck						
R&GrH	23	33.1	88.6	48.0	3.8	1.83
John S. Wenger						
R&GrH	28	50.0	90.3	45.7	3.9	1.78+
Jacob M. Conley						
R&GrH	28	38.4	93.9	46.6	3.8	1.76+
Lloyd H. Ranck						
RH	32	48.5	81.1	46.5	3.8	1.76

+Alternate A.M.-P.M. Testing.

Complete Farming News in Lancaster Farming

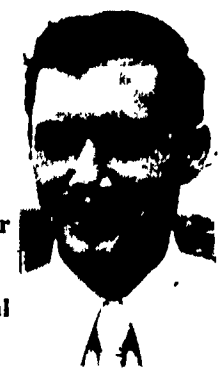
- De Laval MILKERS SALES & SERVICE
- Topline Transfer System
- Full Line Cleaning Detergents
- Installation Pipelines & Parlors

CALL FOR FREE ESTIMATE

J. B. ZIMMERMAN & SONS

Rt 23 - West of Blue Ball Phone [717] 354-4955

FACTS FOR DAIRYMEN



by N. Alan Bair
Assistant County Agricultural Agent

by Alan Bair
Associate County Agent

Disease Potential In Old Barns

We are reminded by Dr. Sam Guss that there is a good chance that tuberculosis may be uncovered when old barns are remodeled or renovated. Often the stalls and partitions are torn out of old barns to provide housing for heifers and dry cows. If there is a possibility that tubercular cattle have been kept in an old barn, the whole facility should be thoroughly disinfected with a tuberculosis-killer disinfectant before cattle are placed in the remodeled structure. In Pennsylvania this service is available through the Pennsylvania Department of Agriculture.

DHIA Annual Reports

Most counties have published their annual DHIA reports by this time. There is always a great scramble to get a copy of these reports and then many hours are spent studying them in great detail. In the final analysis - what does it really prove?

Competition is a very natural desire and basically a healthy one. But each of us should set our own goals to work toward. Production records have a very definite use in management and advertising and promotion, but emphasis on rankings and recognitions must be kept in perspective. The important thing is to utilize the records in making management decisions.

The Christmas season marks the celebration of that important 1974 years ago. This annual celebration also marks the beginning of a new year - hopefully a successfully productive year for you as a dairyman. Since today is the first day in the rest of your life, take some time to plan for next year and the "rest of your life".

1975 Outlook "Is Getting Better" Say Massey-Ferguson Executive

The outlook for 1975 is "much more positive than it looked only a short while ago," according to a senior executive of a leading farm and industrial and construction machinery manufacturer.

Don L. Douglass, vice president of marketing for Massey-Ferguson Inc. headquartered here, made the statement today in a newsletter to its U.S. dealers.

"Despite all the difficulties and uncertainties facing the agricultural community," he said, "we are confident that strong demand for farm machinery will continue through 1975, although we do expect some moderation compared with levels of the last two years."

The market for industrial and construction machinery such as forklifts, backhoes and bulldozers, Douglass says, "reflects more directly the downturn in the economy. But non-residential building is up about 9 per cent from a year ago."

Douglass expects a further decline in housing starts, then "a steady increase through 1975, up to between 1.5 and 1.6 million for the year, and interest rates on the decline with a gradual recovery in the overall economy beginning in the second quarter."

Sales of tractors, combines and other farm machinery and equipment have continued to be particularly strong because of demand caused by rising crop prices, Douglass said.

The "moderation" he predicts will result from crop failures due to flooding, drought, and killing frosts and depressed livestock prices.

"This will be more than offset by the need to build up company and dealer inventories," he pointed out, "which are currently at minimal levels. In 1975 we shall still be building at maximum capacity."

Massey-Ferguson's fiscal year ends October 31 and sales figures are traditionally reported late in December. The multi-national firm posted a 1973 sales gain in excess of 26 per cent.

More than a third of the company's $1.5 billion in sales comes from North America.

Alcohol

Alcohol contains a gross energy value of 7.07 calories per gram.

MR. DAIRYMAN!

Now's The Time To Install Your New Around-the-Barn BOU-MATIC PIPELINE Either Glass Or Stainless Steel

Carousels And Milk Parlors Also Available

Call Now For A Free Estimate

BOU-MATIC . . .

America's Fastest Growing Milker

NOW THROUGH JANUARY 31st

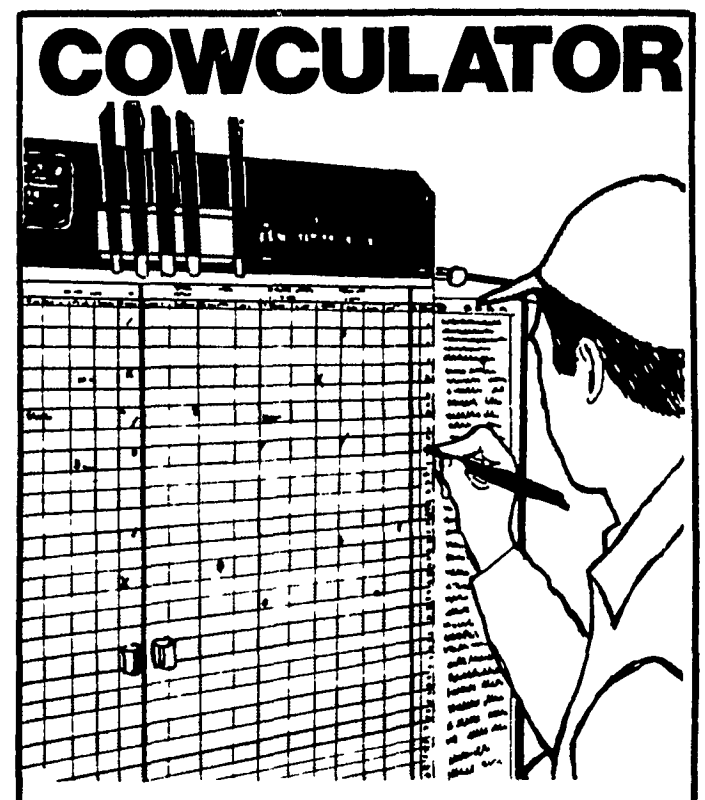
20% OFF

on Pipelines & Parlors & Carousels

CARL L. SHIRK

RD5, LEBANON, PA.
COLEBROOK RD. PHONE 867-3741

COWCULATOR



New scientific dairy herd record system!

Continuous chart with plexiglass cover lets you see at a glance all the details and condition of each individual cow. You can immediately check for heat, pregnancy, service and gestation. Also gives you a permanent visible health record of treatment and other important data. Write or telephone for complete information on this inexpensive new system.

AARON S. GROFF & SON
R.D.3
Ephrata, Pa. 17522
Phone 354-0744

Parade of the Profit-Makers

These Plus-Proven Sires Are Available Daily For Your Dairy Herd:

15H128 WINTERthru Hector Ivanhoe Van
Very Good (88) & Production Qualified (Nov./74)

USDA (Nov./74) — 133 Daus. in 90 Herds Ave.	14,976M	3.84%	575F
Predicted Difference (86% rpt.)	+988M	+$94	+51F

Type -- 17 Classified Daughters Ave. 79.5 (act.); 11 Prs. -.39 PDT
Sire: Northmoor Leader Hector -- GP & PQ
Dam: Winterthur Ivanhoe Jaunty Paca -- VG (88)

15H120 Harrisburg GAY Ideal
Excellent & Production Qualified (Nov./74)

USDA (nov./74) — 258 Daus. in 149 Herds Ave	15,450M	3.67%	567F
Predicted Difference (92% rpt.)	+1,241M	+$95	+35F

Type — 49 Classified Daughters Ave. 80.5 (act.); 36 Prs. + 17 PDT
Sire: Tidy Burke Jerry — EX & PQ
Dam: Harrisburg Osborndale Sue — VG (88)

135 DAIRY SIRES ARE NOW AVAILABLE THROUGH OUR PROFESSIONAL TECHNICIAN SERVICE!

Atlantic
LIVESTOCK SERVICES
BREEDERS COOPERATIVE

Member — NAL Affiliated Breeders

Call for service and information:

CLEONA*	273-6763	LANCASTER*	569 0411	READING*	376 8297
Elizabethtown	367 3923	Akron	859 2552	Lebanon*	273 6763
Hummelstown	566 2569	East Earl	445 4131	YORK*	792 0941
COATESVILLE*	384 2741	Gap*	442 4471	Brogueville	927 6210
Parkesburg	857 5545	Mount Joy	653 1451	Fawn Grove	382 4805
Oxford	932 9361	Quarryville	786 7381	Seven Valley	428 2266
Pughtown	469 9238			York Springs	528 4426

*24 hour answering service or recorder

Young Farmer's Officers

The 1975 officers for the Manheim Young Farmers were elected at their annual Christmas program held at Evan's Restaurant in Manheim. Officers to serve the club are (front row from left) Russell Adamire, vice-president; Ben Nolt, president; James Kettering, secretary. (Standing from left) Earl Landis, Public relations director and Dale Nolt, treasurer.

Beef Council Elects Officers

The U.S. Beef Council held their annual meeting in Oklahoma City recently and elected officers for the coming year.

Selected as President was Orville K. Sweet, who serves as President of the American Polled Hereford Association. He succeeds Lloyd D. Miller, of the American Angus Association.

Chosen for the post of Vice-President was Kirby Cunningham, Secretary of the American Brahman Breeders Association.

H. H. Dickenson, Executive Vice-President of the American Hereford Assn., was elected to the post of secretary-treasurer.

The U.S. Beef Breeds Council is an organization with the goal of promotion of the beef cattle industry in the United States through education and research, and to encourage the industry to adopt improved methods. It is composed of the chief executive officers of the major established beef registry associations representing some 128,000 registered beef cattle breeders in the United States.

Members of the Council are:

American Angus Association; American Brahman Breeders Association; American Hereford Association; American - International Charolais Association; American Polled Heredford Association; American Shorthorn Association; International Brangus Breeders Association; Red Angus Association of America, and Santa Gertrudis Breeders International.

TRY A CLASSIFIED AD

Youth Present Program at Grange

Junior Grange 343 presented a pageant "Christmas in Customs" as the program for the December 9 Fulton Grange 66 meeting.

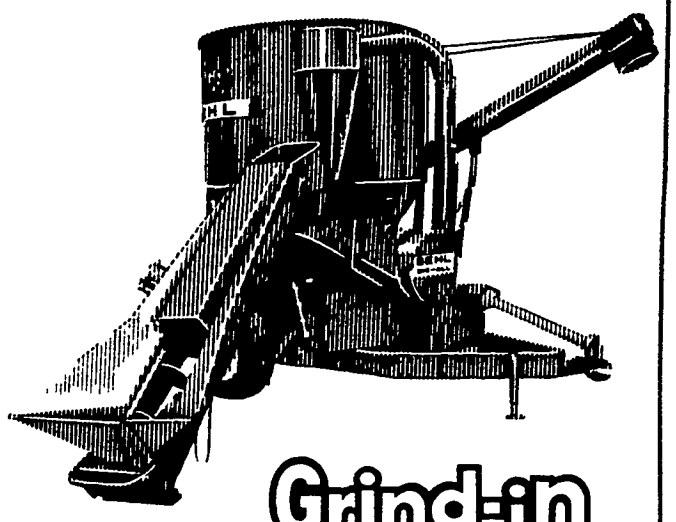
Miss Tradition, First Girl and Second Girl were played by Sandy Galbreath, Cathy Powers and Melanie Miller, respectively. The Decorators were Randy Weaver, Sally Bitler and Danver Hunnell. Mary and Joseph were portrayed by Chris McCardell and Robert Sawyer. Mark McCardell, Tim Hunnell and Tom Haba were the three Wise Men while the Shepherds were played by John Ankney, Mark Miller and Billy Hunnell.

The Choir of Angels consisted of Mary Ellen Fisher, Nancy Ankney, Krista Anderson, Oleta Fantom, Dawn Powers and Frances Hunnell. Soloist was Clair Murphy, organist, Glenn Hough and Bible Reader, Mrs. Shirley Fantom.

The Grange went Christmas caroling on December 23, leaving the Grange hall at 7:00 p.m. A gift exchange and refreshments followed at the Grange hall.

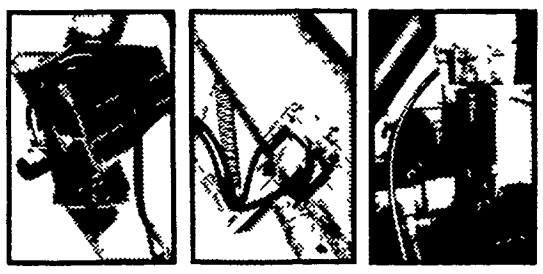
Olympic National Park

Olympic National Park, Washington, was established to protect the Olympic Mountain Range with its wonderful wildlife and forests The park encompasses almost 900,000 acres More than 60 glaciers exist in the park—some as high as 7,000 feet



Grind-in

A Grind-In is comparison at its best You run a Mix-All On your farm With your grain. Note the finer, more uniform grind that results with lower tractor-power Find out about the features and options that are important to you



A SELF CONTAINED SEALED HYDRAULIC DRIVE IS AVAILABLE

ELECTRONIC SCALE AVAILABLE, shockproof weatherproof precise Simple to operate

GEHL®

Gets into your system

A. L. HERR & BRO.
QUARRYVILLE

NISSLEY FARM SERVICE
WASHINGTON BORO

N. G. HERSHEY & SON
MANHEIM

FARMERSVILLE EQUIPMENT INC.
R.D 2, EPHRATA, PA.

ZOOK'S FARM STORE
HONEY BROOK, PA

CHAS J. McCOMSEY & SONS
HICKORY HILL, PA.

LANCASTER EQUIPMENT CENTER, INC.
KINZER, PA.

Stevens Feed Mill, Inc.
offers hog farmers in Lancaster county a new program to help keep your hogs "insides clean"

*Knock out worms with TRAMISOL, the wormer that gets the four major species of worms in the intestines, and lungs

*Maintain healthy hogs with feeds containing AUREO S P 250 Improves weight gains and feed efficiency by helping to prevent scours, rhinitis and cervical abscesses

This year help keep your hogs "inside clean" with TRAMISOL and AUREO S·P 250.

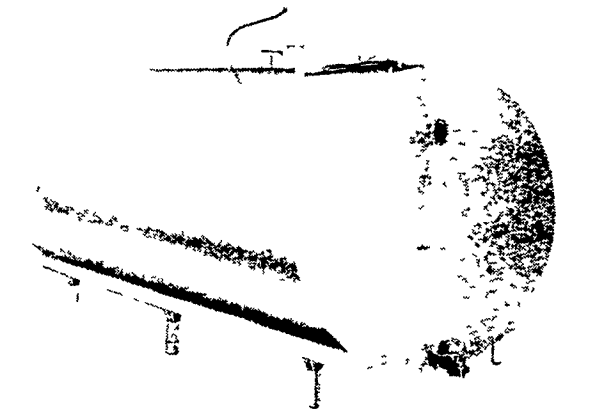
Call us today for more information about our

WORM 'N GERM program using

- Stevens Pig Grower JJ 250
- Stevens Hog Grower
- Stevens Hog Finisher
- Stevens Worming Feed

STEVENS FEED MILL, INC.
Stevens, Pa. Ph: 215-267-2150
or 717-733-2153

SPECIAL OF THE WEEK
600 GAL. JAMESWAY
$1000.00
COMPARE & SAVE $
DARI-KOOL®
BULK MILK COOLERS



FACTORY RECONDITIONED
BULK TANKS

- New 5-year warranty on all tanks and compressors
- New compressors and tank washers on all units

Mr Dairyman:
Are you looking for a real buy on a factory reworked, direct expansion bulk milk tank? DARI-KOOL has just what you're looking for at prices you can't beat!

We will buy or trade nice, clean bulk milk tanks.

	List	Cost
DKE 2000 gal (2-5 hp. compressors)	$13,510	$8,246
DKE 1500 gal (2-4 hp. compressors)	$10,755	$6,548
DKE 1250 gal (2-3 hp compressors)	$ 9,570	$5,860
DKE 1000 gal (2-3 hp compressors)	$ 8,280	$5,086
DKE 800 gal (1-5 hp compressor)	$ 6,620	$4,116
DKE 600 gal (1-4 hp. compressor)	$ 5,618	$3,445
DKE 450 gal (1-3 hp compressor)	$ 4,960	$2,978

FOR BULK MILK TANK SERVICE
CALL COLLECT
Call Us At (717) 626-4355, (717) 626-5996
or Answering Service At (717) 733-1224.

SHENK'S FARM SERVICE
R.D.4 Lititz, Pa. Ph. 626-4355

Preserve Christmas Flowers

Christmas gifts of cut flowers such as roses and carnations will last longer if kept in liquid preservatives instead of plain water, experiments at The Pennsylvania State Univresity show.

Such preservatives will increase the keeping life of cut roses two to four days longer than water, reported Dr. Peter B. Pfahl, professor of floriculture. The freshness of carnations can be extended three to five days with preservatives, he said.

The best preservatives on roses were Floralife, Smithers-Oasis, and Sprite. Burpee's Everbloom and Smithers-Oasis gave the best results on carnations.

Tested at Penn State were White Sim carnations and Forever Yours red roses. The experiments studied these cut flowers in five different liquid preservatives. Twelve flowers were used in each treatment and the treatments were repeated three times. The flowers were freshly cut daily from University greenhouses and were put directly into warm water in a 35 degree F refrigerator for hardening.

The flowers were kept at temperatures of 68 degrees F to 72 degrees F, similar to conditions in a retail florist shop and at home. Lights were used on the flowers from 9 a.m. to 5 p.m.

Dr. Pfahl and associates suggest the following concentrations be used: Floralife, 1 tablespoon per quart of water. Burpee's Everbloom, 3 tablespoons per quart of water. Smithers-Oasis, 2 tablespoons per quart of water. Sprite, 50 percent Sprite and 50 percent water. These four are listed, he indicated, since they are readily available.

Details of the study will be published in the Winter issue of "Science in Agriculture," the quarterly magazine of the Agricultural Experiment Station at Penn State. The article refers only to preservatives used in the Penn State study.

Dr. Pfahl said florists have been inserting floral arrangements in a saturated plastic foam material that retains water and holds the flowers securely in place. He believes there may be a preservative impregnated in the foams tested. His studies involved six different plastic foam materials in water, and combinations of foams and preservatives.

The foams were superior to plain water in keeping roses and carnations fresh. Used with foam, Jiffy and Hydrofoam gave the longest life to carnations. Roses with foams did best when Instant Oasis or Filfast were used.

Saving Energy on the Farm

There's as much potential for energy conservation on farms as there is in factories or other similar large oprations with a variety of machinery, according to Roy W. Uelner, vice president, Agricultural Equipments Divisions, Allis-Chalmers Corp.

He said that "wherever engines are involved, there's real possibility for saving fossil fuels." Part of such saving lies in reduction in idling time, where it's economical to shut off an engine if it's certain to idle for many minutes.

Uelner said a very big part of fuel saving lies in methodical equipment maintenance.

"Too many farmers and too many users of lawn and garden equipment have been casual about keeping track of their operating hours. They must keep track as a guide to planned maintenance, which keeps equipment running smoothly, and definitely avoids excessive fuel consumption," the executive said.

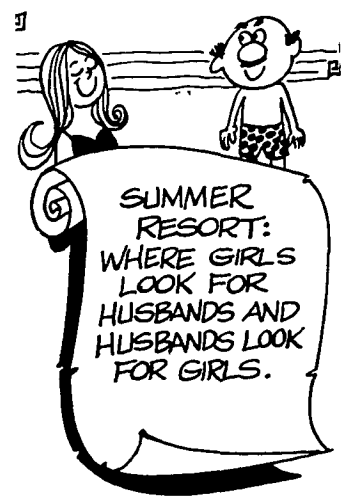
He pointed out that maintenance management in factories keeps track of machines, noting on records the results of planned checks on wearing parts, hoses and many other components. Farmers, too, must make maintenance a formal thing, using checklists to help them track what needs to be done next.

"People are surprised when makers of lawn and garden equipment urge them to be equally methodical," Uelner said. "Yet care of the busy machines that cut grass and haul rubbish can, over a year, trim back fuel costs."

"Finally, selection of equipment sized for each job makes an important contribution. A farm tractor that is undersized for its task simply burns off fuel, struggling through soil or crops. Similarly, a tractor that is too big for the demand wastes conspicuously," he said.

"Equipment selection and equipment maintenance are the keys to stretching fuel supplies and saving on the fuel dollar."

PUNCH LINE
OF THE WEEK



HOG PRODUCERS!

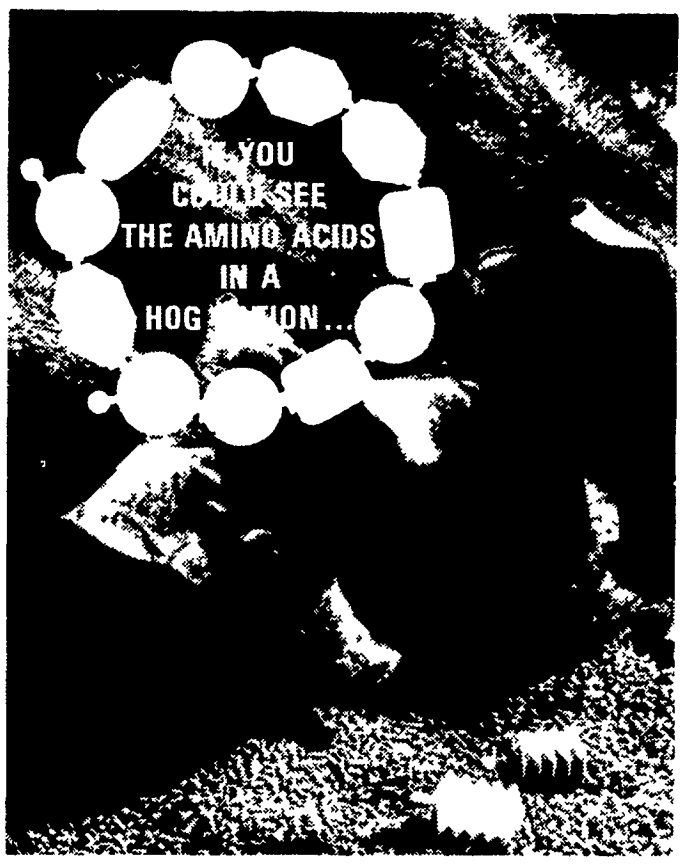
Get Top Price for Your Hogs at New Holland

Sold in sorted lots the auction way. See them weighed and sold and pick up your check.

SALE EVERY MONDAY 9:00 A.M.

NEW HOLLAND SALES STABLES, INC.

Phone 717-354-4341
Daily Market Report Phone 717-354-7288
Abe Diffenbach, Manager



...you'd feed Purina

Purina research tests showed balanced amino acids save 67 pounds of feed from start to finish*

The beads in the feeder trough represent the amino acids that are so essential to a hog You can t see the amino acids in a ration but if you could it would be very apparent how much variance there is in the amino acid balance between different brands of feed

*Purina Research experiment #210 compared a ration with an adequate amino acid balance to rations containing 90%, 80% and 70% of the Purina Amino Acid Standards The results showed it took 67 2 pounds less feed to finish a hog from 30 pounds to market on the ration adequately balanced with amino acids

Don't wait to make the change to Purina Hog Chow® It's amino acid balanced for maximum performance

Wenger's Feed Mill Inc.
Ph: 367-1195
Rheems

James High & Sons
Ph: 354-0301
Gordonville

John B. Kurtz
Ph: 354-9251
R.D.3, Ephrata

West Willow Farmers Assn., Inc.
Ph: 464-3431
West Willow

John J. Hess, II, Inc.
Ph. 442-4632
Paradise

Ira B. Landis
Ph: 665-3248
Box 276, Manheim RD3

McCracken's Feed Mill, Inc.
2 New Charlotte St., Manheim.
Ph. 717-665-2186

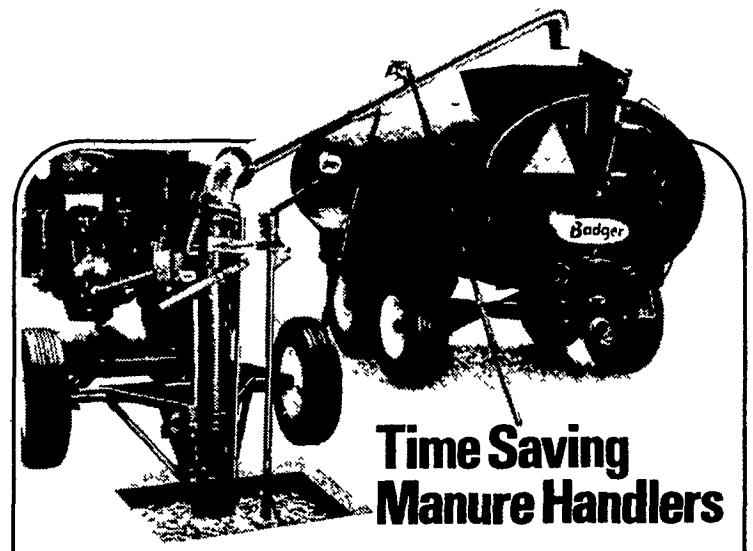
PURINA CHOWS®

"GEE, EVEN FORD TRACTORS NEED A LITTLE ATTENTION NOW AND THEN"

GET YOUR TRACTOR READY FOR SPRING NOW

FORD **ALLEN H. MATZ, INC.**
505 E. Main St., New Holland
Ph: 354-2214

SERVING THE COMMUNITY
TWENTY FIVE YEARS
LANC. CO. OLDEST FORD DEALER



Time Saving Manure Handlers

High Speed Pump, Three Tank Sizes To Fit Your Needs

Badger s Liquid Manure Pump and Spreader Tanks let you dispose of manure in a hurry High performance pump agitates thoroughly—can empty pit at rate of 2800 gallons per minute Match tank sizes to your needs—1500, 2300, and 3000 gallon models available Rugged tanks with full length skid supports, unload in 5-6 minutes 1500 and 2300 gallon models can be converted to vacuum spreaders if desired Lets you do more jobs with one tank Badger Manure injector can be used with all spreader tanks Get more details about the Badger system from your nearest dealer

See Your Local Badger Dealer

Badger®

SHOW-EASE STALL CO.
523 Willow Rd.
Lancaster, Pa
Ph 299-2536

GRUMELLI'S FARM SERVICE
Mechanics Grove
Quarryville, Pa
Ph 786-7318

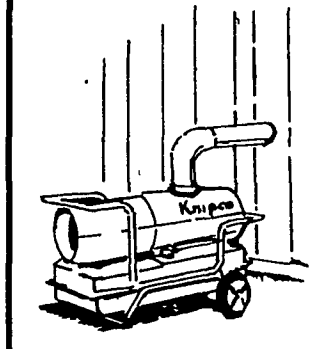
CARL L. SHIRK
R.D.#5
Lebanon, Pa.
Ph. 274-1436

ISAAC W. HURST
R.D.#2
East Earl, Pa
Ph [215] 445-5767

LLOYD E. KREIDER
R D #1
Cochranville, Pa
Ph. [215] 932 2934

"Baby it's Cold Outside"

Well maybe it isn't yet, but it's going to be Why wait visit us now and let us demonstrate a reliable, powerful Knipco portable heater. Powerful enough to warm all indoors and out Why it's like "bringing the SUN inside"



Ask about our newest vented Knipco heater model FV125S

L. H. BRUBAKER
350 Strasburg Avenue
Lancaster, PA 17602

Fast parts and service!

From Local Ag Teachers:

Thoughts in Passing

"Even Your Workload" By: Glenn L. Spangler Ag Instructor Manheim Central H.S.

Your corn and soybeans are harvested, winter small grains were sown, Thanksgiving is past, you never saw a buck, Christmas was just with us and you are completing your last minute year end tax management plans. The only thing to do is file your 1040 forms, go to the Farm Show and wait for spring. Hopefully you will disagree with this last statement and you will use your time wisely.

Unfortunately, too many farmers do wait for spring. Because of the greater amount of time available, now is the time to recondition your machinery. The fact is, however, the farm shop is used less during the months of January and February when compared to the other months. The reason for this is quite obvious, it is just too cold to work in most farm shops.

Your shop should probably have a means to be heated. When you heat your shop, be certain that the proper ventilation is available for your heating system. Fumes from welding, paints, fuelds and running engines can be hazardous to your health. A means to remove these and other vapor from a closed shop is a must.

Even if your shop is unheated there are a number of things you should try to do now to prevent down time this spring and the months to come. One good place to start is with the combine or cornpicker which you just used. Do you remember any belts or chains which were slipping? Was one part of the machine knocking? If you are having trouble remembering this now, imagine how much harder it will be when you go to start using it again. Instead of just depending on your memory, why not clean the machine, check all belts and chains and other moving parts. Do any teeth guards or knives need to be replaced? Does the knife on the bean head need sharpening? When all of these are done grease the machine and put it away.

The same things apply to other machines. Special attention must be given to equipment which comes in contact with corrosive materials such as fertilizer. Other things which could be done are hard surface parts of machines, check plow shears and paint equipment. With harvest completed and fall tillage done your tractors may need to have aoil and filters changed. If you have an older tractor, when was the last time you packed the front wheel bearings?

One job which you can start in the warm is determining how you are going to calibrate your corn planter with corn of lower germination. Read your owner's manual, make certain you do know how to change the seed drop if you seed corn is of low germination.

The above are just a few ideas of tings which you can do to even your workload throughout the year. Even if your shop is unheated, you should try to do many of these on the milder days this winter.

Lebanon County In Census Count

The 1974 Census of Agriculture being conducted by the Bureau of the Census will bring up to date farm statistics collected for the year 1969 when the last farm census was taken.

Newton J. Bair, Assoc. County Extension Agent, says that cooperation from every farm and ranch operator is needed in order to insure an accurate measurement of changes in Lebanon County. Farm business records are to be used in filling out the report farm, but when records are not available, reasonable estimates are fully acceptable. He stresses that the Census Bureau must have a good report from each operator if county records are to be complete and accurate. The report forms (questionnaires), mailed out about January 1, should be filled out and mailed back as early as possible.

Nothing is revealed in the published reports that might disclose information about an individual operator. The data are combined into county and State totals that provide benchmarks for keeping up with changes in farming. The Census of Agriculture, taken every five years, is the only source of statistics on agriculture that are comparable, county by county, on a nationwide basis.

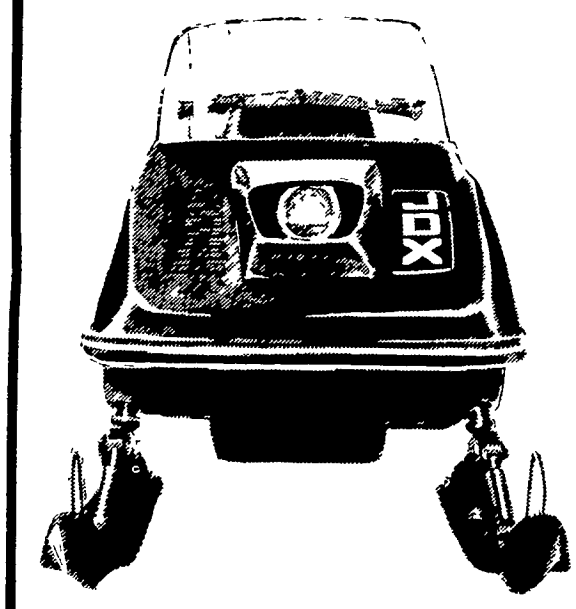
The 1969 census counted 767 farms in Lebanon county; 176 reported selling $2,500 or more of agricultural products, and 591 reported sales of $40,000 or more. The market value of all agricultural products sold amounted to $23,041,018 an average of $30,040 per farm. However, farm production expenses totaled $17,373,501, an average of $22,651 per farm. This left a net farm income of $7,389 per farm in 1969.

North Carolina

North Carolina is the nation's largest producer of tobacco, textiles, and furniture The Tar Heel state grows more tobacco products than the other 49 states combined

POLE STRUCTURES
• FARM • URBAN • COMMERCIAL
Thrive Center ENVIRONMENTAL BUILDINGS
• Gestation • Farrowing
• Nursery/Finishing
HUSKEE-BILT Construction Co.
For Information Write or Phone

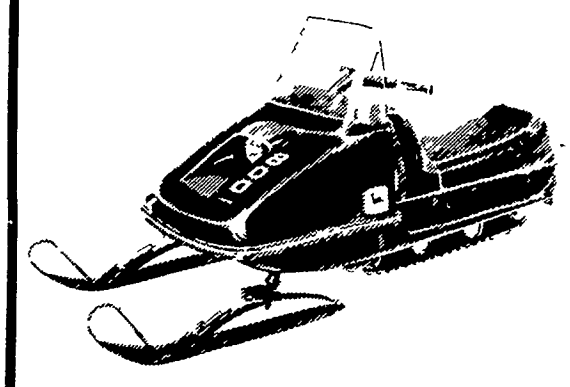
MERVIN MILLER
R D 2 LITITZ PA
626 5204



BIG JOHN'S IN TOWN.

John Deere JDX Snowmobiles
- Big John is brand-new Sports a sleek, low profile for 1975
- Big John packs power from reed-valve engines, 340 to 440cc's
- Big John smooths rough trails with slide-rail suspension, wide-stance skis with shocks, and energy-absorbing seat
- Big John moves out on rivetless track with full-width grouser bars molded in rubber, and rubber cleats for better control
- Big John comes in Blitz Black™ and long, lean styling you ll be proud to own
- Big John—for the feeling of knowing you just can't lose!

John Deere Green Machines
- Big John sports a new "Mean ' Green color A deep green with a metallic sparkle
- Big John offers three power classes 292 to 340cc piston-ported engines, or a 440cc reed-valve engine
- Big John smooths the way with a trailing-arm bogie-wheel suspension and energy-absorbing seat
- Big John rides double, Wide-tracker has 18-in track for extra flotation, 440cc's and bogies
- Big John Green Machines Tamed But not domesticated



Nothing runs like a Deere

COME IN NOW . . . MEET BIG JOHN!

COLLINS MOTORS
RD#1 Elizabethtown
Phone 367-1856

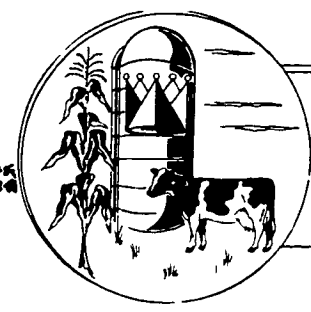
M. S. YEARSLEY & SONS
West Chester 696-2990

ADAMSTOWN EQUIPMENT INC.
Mohnton, RD2, Pa 19540
[near Adamstown]
Phone [215] 484-4391

GOODMAN'S AUTO SERVICE
Honey Brook, Pa
[215] 273-2356

LANDIS BROS. INC.
Lancaster 393-3906

A. B. C. GROFF, INC.
New Holland 354-4191



KEY TO PROFIT
AGRI KING, inc.
PERSONALIZED FEEDING PROGRAMS
FULTON, ILL.

Seasons Greetings

From
AGRI KING

To Southeastern Penna.,

One of the Top Dairy Areas in the World.

Serve more milk this Holiday Season — it is the best quality Uncola drink!

Serving and drinking milk can give you and your friends a safer and happier holiday!

It will also give you more energy to make 1975 a happy and successful year

P S Don't forget to contact the Agri King serviceman in your area to plan for a more profitable new year!

George F DeLong
Regional Manager
P O Box 683 Lititz Pa 17543
Phone 717 626 0115

Eastern Lancaster Co
Melvin Herr
RR2 New Holland Pa 17557
Ph 717-354 5977

North Western Lancaster Co.
Earl B. Ginder
RD2 Manheim, Pa 17545
Phone 717 665-3126

Southwestern Lancaster Co.
Ben Greenawalt
RD2 Conestoga, Pa. 17516
Ph 717-872-5686

Lebanon Co
Marvin Meyer
RD2, Box 157
Annville Pa 17003
Ph 717 867-1445

Lehigh Co Area
J H Moore
1213 Zorba Drive
Whitehall Pa 18052
Ph 215 432-5987

South Central Pa
James L Yoder
Regional Manager
RD1 Box 81
Chambersburg Pa 17201
Ph 717 264 9321

Kenneth [Sonny] Yoder
R D 2 F V 150
Bedford Pa 15522
Ph 814 623 6856

Montgomery & SE Berks Co.
Cy Arnold
739 Rosewood Drive
Douglasville, Pa 19518
Ph 215 385-6249

Western Lancaster Co.
A L. Wertman
413 Locust St
Columbia Pa 17513
Ph 717-684-8768

Chester Co.
William Windle
RD1
Atglen, Pa 19310
Ph 215-593-6143

Northeast Berks Co.
Roger Heller
RD#1
Robesonia, Pa
Ph 215-693-6160

Scientists Seek to Unlock Secret of Soybean N Usage

Researchers at the University of Missouri are working on a project that could help answer one of the mopst puzzling questions of soybean research: Where does the soybean plant get all of its nitrogen?

Under normal field conditions, an acre of soybeans with a 50-bushel yield takes up 30 pounds of nitrogen per year from the air. From decomposed organic matter in the soil, the 50-bushel crop draws an additional 50 to 100 pounds of nitrogen.

However, it is known that this same 50-bushel crop actually takes up a total of 300 pounds of nitrogen. Where does the additional 170-220 pounds of nitrogen come from? Researchers don't know.

With so little knowledge of how the soybean plant obtains nitrogen, and in view of the soybean's need for such large amounts of the element, researchers fear that nitrogen could some day become a limiting factor in producing higher yields.

To prevent this from happening, the American Soybean Association (ASA) Research Foundation is funding a project at the University of Missouri to learn more about how the soybean plant obtains and metabolizes nitrogen.

When the project began, it was believed that the soybean plant converted nitrogen into amino acids, the building blocks of protein, in only two ways:

– Nitrates from the soil are transported to the leaves, where they are converted, or reduced, to amino acids. This process occurs largely in the early part of the growing season.

-- A strain of bacteria called rhizobia form nodules on the roots of the soybean plant and draw nitrogen from the air for the plant to use. This occurs in the latter part of the season.

However, researchers at the University of Missouri soon made an important discovery: The nodules not only fix atmospheric nitrogen, but also reduce a significant amount of nitrates from the soil.

In fact, early results indicate that nodules may be more important for the reduction of soil nitrates than for the fixation of atmospheric nitrogen.

This new information changes the whole picture of soybean metabolism research and gives all scientists studying the soybean a better and more complete basis for their work.

From experiments last summer, the Universityof Missouri team obtained the general pattern of nitrate reduction and fixation over the season. This winter, the scientists are running growth chamber and greenhouse experiments in which they completely control the environment, enabling them to account for all of the nitrogen metabolized by soybeans.

They are using a stable isotope of nitrogen to trace the pathway of soil nitrates and atmosphjeric nitrogen through the plant in order to calculate more precisely the relative importance of reduction and fixation in the nodules.

Information gained will help answer the soybean nitrogen mystery and assure higher yields in the future.

Kublai Khan

Kublai Khan was the Mongol ruler of 13th century China A devout Buddhist, Kublai completed his father's conquest of China, adding Korea and Burma to the reign The tolerant ruler was highly appreciative of learning and the arts

Erie Canal

Lake Erie's waters rushed through the Erie Canal for the first time on October 26, 1825 The Canal provided a vital link between the lake and the Hudson River at Troy Four feet deep, 28½ feet wide the canal was built by the state of New York Governor De Witt Clinton spearheading the effort

Quarantine Birds After Farm Show

By Jay W. Irwin
Associate Agent
Lancaster Co.

Poultry exhibited at the Farm Show are exposed to many diseases not common to their flock of origin. These show birds should be kept separate from the main flock after the show for at least 30 days.

Most infections contracted by poultry at shows will break before the 30-day isolation period is up. If there are no breaks, then it is probably safe to place these birds back with the flock. In the event that disease strikes, they should not be put back with the flock. Recovered birds remain carriers and shedders of certain diseases.

Many disease breaks can be averted by establishing a sound vaccination program. However, there is no reliable vaccine available for some of the bacterial diseases for which the recovered birds remain carriers. Examples of these are coryza and fowl cholera. Be on guard for coccidiosis, too, because the show birds may have no immunity to certain species. Look for a coccidiosis break 1 to 3 weeks after bringing the birds home.

HAY WANTED

Kaolin Mushroom Farms Inc.

CALL
1-215-268-2262

What is this season? A time for family gatherings. A time for fond remembrance, happy anticipation. A time for reflection, rededication. A time for reaching out to others. A time for joy. A time for kindness. A time for love. A time for peace. Best wishes for this holiday season.

Commonwealth National Bank

YOUR PIONEER SALESMAN IS READY WITH SUPERIOR SEED AND SERVICE

- Hybrid Corn — high yielding single and special crosses.
- Alfalfa Seed — for any rotation or plowdown.
- Forage Mixes — A mix for every need (pasture, hay, haylage, greenchop or green manure plowdown).
- Hybrid Sorghum — grain, forage, and sorghum — sudangrass hybrids.

Don't Delay.
See Your Pioneer Salesman To-Day!

PIONEER. BRAND
Corn, Sorghum, Alfalfa

® Registered trademark of Pioneer Hi Bred International Inc Des Moines Iowa U S A

Garbage Converted To Grow Mushrooms

Converting municipal garbage into mushroom compost can solve a critical waste disposal problem and reduce costs in growing mushrooms, scientists of The Pennsylvania State University have determined. They're carrying out studies to help Commonwealth mushroom growers increase efficiency and cut production costs in a highly competitive industry.

Dr. Lee C. Schisler and associates obtained a substantial increase in mushroom yields from a compost containing 70 percent horse manure and 30 percent processed garbage mixture--compared with yields from 100 percent horse manure compost. Dr. Schisler figures this was probably due to the increased dry weight of compost in the trays containing the mixture.

"The processed municipal garbage compost was fine-textured with particles easily occupying air spaces between coarse-textured strawy horse manure compost. This provides more dry weight in a given depth for areas of bed surface without additional compost compaction," Dr. Schisler stated.

Scarcity of basic mushroom compost ingredients--horse manure on straw or corn cobs used in synthetic composts--contributes greatly to costs, he said. Satisfactory substitute materials could reduce production costs significantly, he added.

The experiments first determined acceptable conditions for converting processed municipal garbage into compost. This research included new formulations and new mechanical digestion procedures for converting the garbage.

Prime factors in the research included refuse digestion and compost formulation, mushroom mycelium growth in various composts, and mushroom yield. Once these factors were worked out, a full-scale pilot study was undertaken, using the processed municipal garbage alone and mixed in varying proportions with horse manure compost.

Refuse digestion and compost formulation studies were carried out at the Hercules - Allegheny Ballistics Laboratory, Cumberland, Maryland. The Fairfield Engineering Company's refuse processing plant in Altoona provided humus. Mushroom mycelium growth studies and yield trials were perfomed at the Mushroom Research Center operated by the Agricultural Experiment Station at Penn State.

After composting for 7 days, the finished compost was discharged from the digester directly into a presanitized truck and delivered to the University within 2 hours of discharge from the digester. The compost was filled into trays placed in rooms under controlled atmospheric conditions of oxygen, air movement, and temperature - standard procedures for growing commercial mushrooms.

Yields from the 100 percent processed municipal garbage compost were the poorest. There was no significant difference in yields from the 100 percent horse manure compost and the 30 percent manure-70 percent processed municipal garbage mixture.

It may be possible, Dr. Schisler believes, to increase the percentage of incorporation of humus with a standard mushroom compost to at least a 50-50 mixture. Further research to accomplish this, however, is necessary.

The domestic mushroom growing industry, he added, has been faced with heavy and increasing competition from imported mushrooms. Efficiency is vital, he noted, in a Pennsylvania industry producing a crop worth nearly $64,000,000 annually.

Simmental Breeders To Hold 5th Sale

One hundred and thirty-three Simmentals, all ¾-blood and better, have been individually selected for American Simmental Association's 5th annual national sale, scheduled to be held in the Astrohall, February 23, 1975, during the Houston Stock Show and Rodeo.

Chester Martin, Henderson, Texas rancher and sale manager, said the sale selection includes seven purebred bulls and fifty purebred females. The sale will start at 3 p.m. Sunday, February 23, with auctioneering by Reyes, Reyes and Elder of San Antonio.

Noting that last year's annual sale, at Louisville, Kentucky, set a record when 86 head brought $1,223,000, Martin said the 1975 event could gross even more. "Despite the depressed prices in our industry, quality Simmental cattle continue to set new records. The minimum requirement for cattle nominated in this sale demands weaning weight ratios of 100 or better, automatically disqualifying the lower half in any herd. And we had 268 nominations to select from, so we took only the best. We're optimistic," Martin said.

Purebred females include three that are safe-in-calf, 45 that are open, and two three-in-one packages consisting of safe-in-calf purebred cows with purebred calves at side. Also offered are 35 safe-in-calf ¾-blood Simmentals, 40 open ¾-bloods, and a ¾-blood cow with purebred heifer calf at side.

ASA sale ethics require a veterinarians' certificate of pregnancy for all females selling as "safe-in-calf." Another rule allows only two lots in the sale from any one consignor.

Fred Hartman, Wood River, Nebraska cattleman, was retained by Texas Simmental Association to inspect herds nominating cattle for the sale.

Sale cattle will arrive in Houston by February 18 and will be on display in the Astrohall. An independent sifting committee will examine all consignments after they arrive at Houston. A parade of sale cattle will be presented in the Astrohall's main judging arena at 10 a.m., Sunday, February 23.

Texas Simmental Association is hosting the annual national convention and national sale for American Simmental. Information is available from TSA at 101 North St. Mary's Street, San Antonio, Texas 78205.

from HISTORY'S SCRAPBOOK

DATES AND EVENTS FROM YESTERYEARS

January 3, 1964—Arizona Senator Barry Goldwater announces he will seek the Republican Presidential nomination.

January 4, 1896—Utah is admitted as the Union's 45th state.

January 5, 1925—Mrs. Nellie Taylor Ross is sworn in as the nation's first woman governor. She was elected to fill the unexpired term of her deceased husband by the people of Wyoming.

January 6, 1759—George Washington marries Virginia widow Martha Danridge Custis.

January 7, 1953—President Truman announces the development of the hydrogen bomb by the United States.

January 8, 1815—General Andrew Jackson is victorious over the British at the Battle of New Orleans.

January 9, 1945—General MacArthur fulfills his promise as he and 68,000 American troops return to the Philippine Islands.

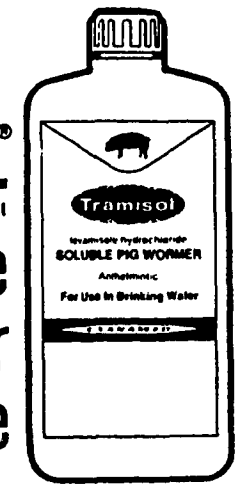
THIS PRODUCT AND OTHER *Products of Progress* DISTRIBUTED IN THE NORTHEAST BY . . .

THE FOX CO.
NEWFIELD, N J 08344
Binghamton, N Y Lewisburg, Ohio
Broadway, Va Selbyville, Del
Lititz, Pa

Write or call for a list of Local Dealers

Products available from your local FEED and FARM SUPPLY DEALER serviced by New Holland Supply Company

TRAMISOL®
levamisole HCl
most effective swine wormer you can use



TAKE TIME OBSERVE LABEL DIRECTIONS

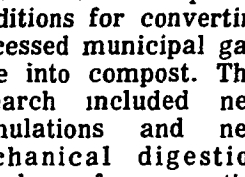
CONTROLS LUNGWORMS, LARGE ROUNDWORMS, AND NODULAR WORMS. NO OTHER WORMER GETS ALL THREE.

AVAILABLE FROM YOUR FAVORITE ANIMAL HEALTH SUPPLIER

"How about your wife"

Maybe you can stand those cold, bitter mornings that turn buildings into refrigerators but how about your wife? Give her a break and yourself too Rent or buy a powerful, reliable Knipco portable heater A heater that gives instant, steady, warm heat Warms buildings, livestock, equipment and hearts too

Why it's "like bringing the SUN inside."

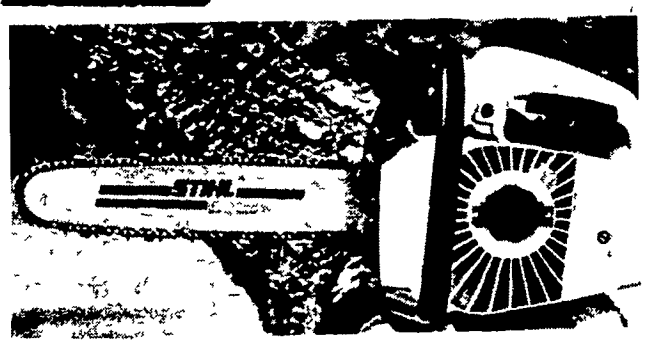


Ask about our biggest seller the F150D

STOLTZFUS FARM SERVICE
Route #1
Cockranville, Pa. 19330

Fast parts and service!

STIHL
The World's Leader in CHAIN SAWS
MODELS FROM 2 to 16 H.P.



FEATURING:
- Anti-Vibration Systems
- Automatic Oiling on All Models
- 40 Years Experience in Design and Production

John L. Stauffer
REPAIR SERVICE
R D 2 East Earl, Pa
Ph 215-445 6175
½ MILE NORTH OF GOODVILLE ON UNION GROVE ROAD

DAVE'S ENGINE SERVICE
In Rear of Stauffer's Machine Shop
¼ mile South of Murrel on Pleasant Valley Road
R.D.3, Ephrata, Pa.

A & B Sales & Service
2 Miles South of Route 23 Along 772 thru Monterey
R D 1 RONKS, PA

The perfect tractor-loader team

574 TRACTOR / 2050A LOADER

Match the International® 574 with a 2050A loader, and you've got a tractor and loader that were designed for each other. The 52-hp 574 gives you an 8 fwd.-4 rev. synchronized transmission and a built-in shuttle shift feature with in-line shifting from low to reverse for quick cycle time

Compact, low profile design, Hydrostatic power steering, short turning radius, and step-through operator's deck give you more comfort and handling ease. You get extra hydraulic capacity for faster lifts, and a host of other features that make the 574 the ideal loader tractor

With the capacity-matched 2050A, you get breakaway lifts up to 4,100 pounds and improved visibility over "will-fit" jobs. Because they fit together so perfectly, there is less chance of fatigue or damage to the tractor

Come in and try it out. You'll agree it's the most productive loader combination in the business.

R. S. HOLLINGER & SON
MOUNTVILLE, PA. 285-4538

MESSICK FARM EQUIP.
ELIZABETHTOWN 367-1319

INTERNATIONAL HARVESTER
Sales and Service
EPHRATA, PA. 733-2283

C. B. HOOBER & SON
INTERCOURSE 786-8231

COPE & WEAVER CO.
NEW PROVIDENCE 786-7351

ERB & HENRY EQUIP. INC.
22-26 Henry Ave., New Berlinville, Pa.
1 Mile North of Boyertown
Phone: 215—367-2169

Dutch Fertilizer Makers Look For More Exports

The world fertilizer crunch, which built to epidemic proportions, during 1973, has focused high interest on supplies available from top fertilizer-exporting countries such as the Netherlands - world's third largest exporter of nitrogen fertilizer - the principal fertilizer produced - to about 1.19 million tons in 1974-75, compared with the 1.15 million tons exported in 1973-74. Phosphate exports could also rise to 340,000 tons from the previous year's 330,000.

A large part of Dutch nitrogen exports will go to other West Europen countries, where fertilizer use per hectare is among the highest in the world. Sizable quantities are also exported to the United States, which took some 125,000 tons in 1973-74. Other important purchasers last season were the People's Republic of China, India, Indonesia, Brazil, and Egypt.

The thriving Dutch fertilizer industry, developed largely in the past 10-15 years, exports about 75 percent of its total output. Some 1,87 million tons of all types of fertilizers were produced for agricultural use in 1973-74, compared with 1.81 million in 1972-73. Fertilizer imports, totaling some 350,000 tons annually, are mainly of potassium fertilizers, which are produced domestically in very small quantities.

As the 1974-75 season began, the only Dutch fertilizer exports already under contract were those to surrounding West Europen counties and to North America. By contrast, exports to many Asian, African, and Latin American Destinations are usually on a spot-purchase, first-come-first served basis.

Before calendar 1972, Dutch fertilizer factories were estimated to be operating at only 60-65 percent of capacity. This was the result of a large expansion of fertilizer production facilities 4 or 5 years ago, at the last upturn of the fertilizer demand cycle. When a global over-supply developed in 1972 and world prices tumbled, Dutch producers agreed to reduce output.

With the onset of energy shortages, exploding demand, and higher profits, producers were able to expand their output without adding new facilities. At present, industry sources report that Dutch fertilizer factories are working at levels of between 85-90 percent of full capacity.

Operating at 100 percent of capacity, Dutch fertilizer plants could produce a potenital 2.25 million tons annually. Consequently, no new construction and reportedly no enlargement of present facilities are planned for the next few years. Since 3 ro 4 years are required to bring a new plant to full production, capacity is unlikely to enlarge much before the end of the decade.

Since production facilities are more than adequate, the only possible constraints on Dutch production of certain fertilizers would be a lack of raw materials, especially of phosphate rock.

More than 80 percent of toal Dutch fertilizer production is made up of nitrogen fertilizer. The Dutch produce all their nitrogen fertilizer from domestic supplies of natural gas, in contnrast to other West European producers - West Germany and France - which must import raw materials. Natural gas supplies are well above industry needs, as are other forms of energy. Although the Arab oil embargo was officially in effect for the Netherlands until July 11, Dutch petroleum imports and stocks remain at year-ago levels.

For nitrogen fertilizer production, imported feedstocks include anhydrous ammonia from Belgium and from an affiliated factory of a Dutch company.

Raw matrerial shortages could affect Dutch phosphate fertilizer production, however, which accounts for about 20 percent of total fertilizer output and is very largely dependent on imports of ground phosphate rock. Thirty-three percent of rock imports are from the United States, 25 percent from Togo, 24 percent from Morocco, and 3 percent from the Soviet Union. Basic slag for phosphate fertilizers is largely imported from West Germany.

Supplies of phosphate rock have so far been adequate, although prices of these materials have soared. Prices for ground phosphate rock from Morocco have almost tripled in recent months and other suppliers have followed with substantial price rises.

Inadequate supplies of basic slag willnot affect the Dutch industry since these imports are directly used as fertilizer. Basic slag prices for the 1974-75 season from Belgium and Luxembourg increased by 27 percent and from West Germany by 35 percent.

The Dutch produce only a small quantity of potassium fertilizer - 4,110 tons in 1972-73, which was less than 1 percent of the country's total fertilizer output. Domestic production is limited mainly to potassium sulphate, produced mostly from oolasses. The molasses is obtained largely from the Dutch sugar-beet industry, although small quantities are imported.

According to Dutch officials, large potassium chloride deposits have been discovered in the northern part of the Netherlands. Since these deposits are reportedly at great depth, no plans have yet been made to exploit them. Should world market prices rise, however, the Dutch might decide to open the fields, which are said to be sufficient to meet Dutch needs for many decades.

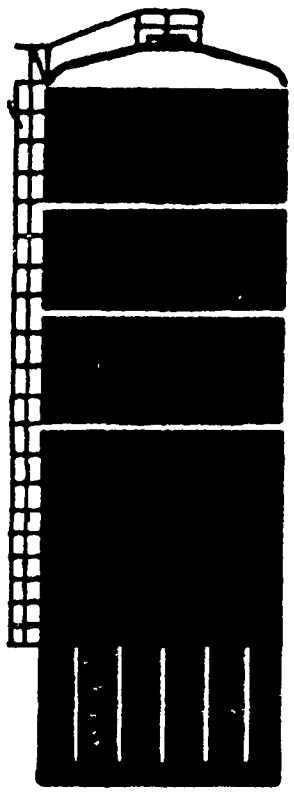
Dutch farmers already use about the maxiumu feasible volume of nitrogen fertilizer on their crops, so that-marginal increase or decrease in use would not affect yields much. Because only about 6 percent of Dutch farmlandis irrigated, changes in the volume of nitrogen applied depend on the weather.

In 1973-74, Dutch consumption of fertilizers was estimated at 625,000 tons. This was applied principally to grasslands, followed by wheat, potato, and sugarbeet crops.

JOSEPH C. O'DONNELL, NOTING THAT HIS NORTHBORO, MASS. PLASTICS COMPANY WAS DOING WELL DESPITE THE STATE OF THE ECONOMY, CALLED HIS 40 EMPLOYEES TOGETHER TO ANNOUNCE EXPANSION, AN ACROSS-THE-BOARD $50 RAISE FOR ALL WORKERS, WITH FIRST INSTALLMENT PAID IN CASH ON THE SPOT.

WISCONSIN
Air-Cooled
ENGINES FROM 4 to 65 H P
ALLIS CHALMERS & BRIGGS & STRATTON ENGINES
ENGINE AND MAGNETO SERVICE
PEQUEA BATTERIES
AMOS L. FISHER
R.D.#1, Box 108 Bird-in-Hand, Pa. 17505

PENN-JERSEY
ANNUAL
HOLIDAY
DAIRY TOUR
MONDAY, DECEMBER 30
10:30 A.M. to 2:30 P.M.



VISITS TO FOUR OUTSTANDING BERKS COUNTY DAIRY FARM OPERATIONS.

LUNCH WILL BE SERVED

FOR ADDITIONAL INFORMATION CONTACT YOUR AREA REPRESENTATIVE OR CALL

VANESSA RUPP
TOUR COORDINATOR

PENN JERSEY HARVESTORE
NEW HOLLAND, PA.
717-354-4051

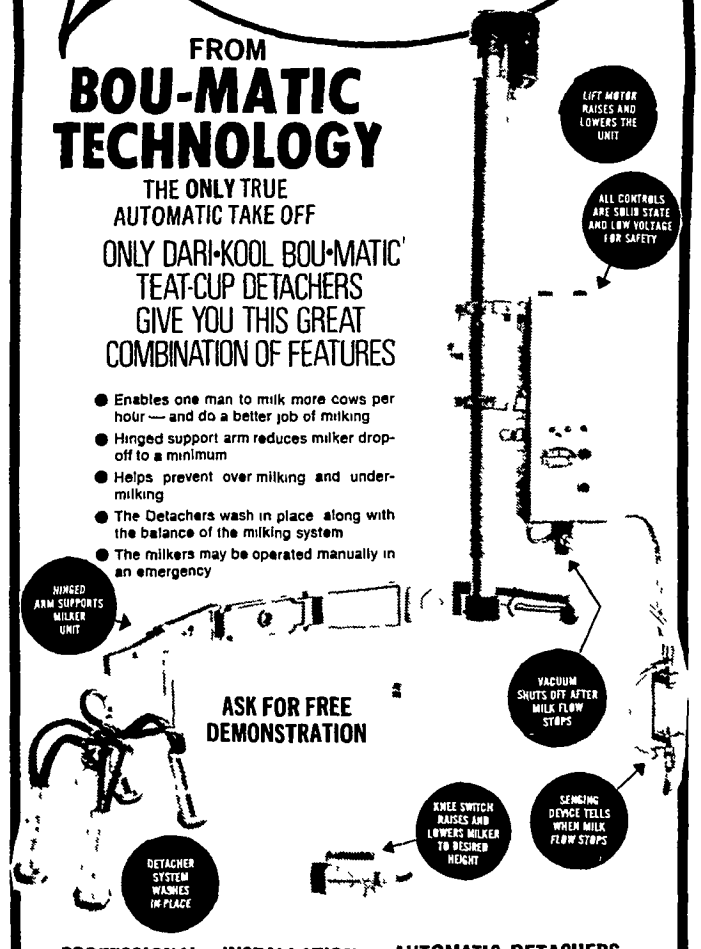
PAUL'S CORNER

There is something about the Christmas season that brings out the best in us. Perhaps the tremendous love vested in a babe in a manger and the rays of a bright star shining in the heavens still casts its magic spell over a troubled world. Too often we tend to dwell on the troubles, and forget the blessings we take so much for granted. As I look back over the past year and think about all the good things that have happened, and all the new friends we've made at Lancaster Ford, I can't help but feel very grateful to all you fine people who helped make it happen. My sincere wish for all of you is that the Christmas spirit will be with you throughout the new year.

Ford Tractors Equipment
Ford Tractor, Inc.
THE NEW HOME OF THE FRIENDLY PEOPLE
1655 Rohrerstown Road
Lancaster Pa
Phone (717) 569 7063
Take Flory Mill Exit off 283 and go ¼ mile toward East Petersburg.

SPECIAL YEAR-END PRICES
DARI-KOOL Bou-Matic MILKERS
FROM
BOU-MATIC TECHNOLOGY
THE ONLY TRUE AUTOMATIC TAKE OFF
ONLY DARI-KOOL BOU-MATIC TEAT-CUP DETACHERS GIVE YOU THIS GREAT COMBINATION OF FEATURES

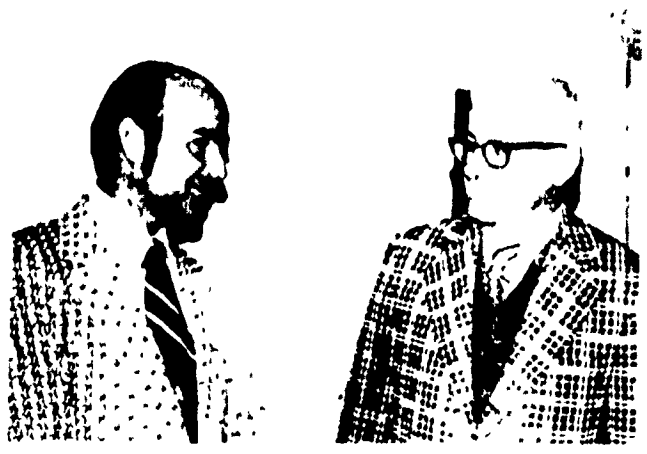
- Enables one man to milk more cows per hour — and do a better job of milking
- Hinged support arm reduces milker drop-off to a minimum
- Helps prevent over milking and under-milking
- The Detachers wash in place along with the balance of the milking system
- The milkers may be operated manually in an emergency


LIFT MOTOR RAISES AND LOWERS THE UNIT
ALL CONTROLS ARE SOLID STATE AND LOW VOLTAGE FOR SAFETY
HINGED ARM SUPPORTS MILKER UNIT
VACUUM SHUTS OFF AFTER MILK FLOW STOPS
KNEE SWITCH RAISES AND LOWERS MILKER TO DESIRED HEIGHT
SENSING DEVICE TELLS WHEN MILK FLOW STOPS
DETACHER SYSTEM WASHES IN-PLACE

ASK FOR FREE DEMONSTRATION

- PROFESSIONAL INSTALLATION AND SERVICE
- PIPELINE SYSTEMS
- AUTOMATED HERRINGBONES
- AUTOMATED CAROUSELS
- AUTOMATED POLYGONS
- CROWDING GATES
- STIMULATION STALLS
- MILKERS
- AUTOMATIC DETACHERS
- VACUUM PUMPS
- BULK TANKS
- PIPELINE WASHERS
- PRE-COOLERS
- REPLACEMENT PARTS, BOU-MATIC INSTALLATIONS
- AUTOMATED SIDE OPENING STALLS

Professional milking systems for the milking professional
COMPLETE PLANNING — INSTALLATION — SERVICE
SHENK'S FARM SERVICE
R.D.4, LITITZ, PA. PHONE 626-4355



Ned L. Clark, left, of Shamokin turns the presidency of PennAg Industries Association over to Phillip M. Spalding, York on January 1, 1975.

Spaulding Heads PennAg

Phillip M. Spalding, York begins 1975 as president of PennAg Industries Association, a state-wide association of agribussinessmen who buy from and sell to ag producers, succeeding Ned L. Clark of Shamokin. In reviewing the events of 1974 Clark said,

"1974 was a mixed bag for agriculture, as it was for the rest of the economy. Grain farmers realized a good year if local weather gave them a crop, but farmers dependent on livestock faced high imput costs and low market prices for their products. We hope that 1975 will see a better balance.

"Although the quality of Pennsylvania's 1974 corn crop was not up to par due to the influence of weather, the quantity harvested shows we have the ability to produce in Pennsylvania and continued increased grain production seems to be the answer most experts predict will correct our imbalanced food economy.

"1974 was a year when food supply no longer was ignored or taken for granted by consumers. The problems of malnutrition and starvation world wide were forcibly brought to everyone's attention by the Food Conference in Rome. Solutions to these problems will affect our domestic markets as well."

In response, P. M. Spalding who is president of York Flour Mills, York, said,

"We look forward to 1975 as a year of challenge and opportunity rather than problems. There is no question that we must improve our transportation system, correct our credit and commodity markets, strengthen and expand our food potential in Pennsylvania, but this can only be done with prudence, not pessimism. This will be PennAg's New Year's resolution."

To implement these goals Spalding named the following standing committee chairmen for 1975: Convention-Robert L. Weindel, Agway, Inc., Harrisburg; Transportation-D. Jay Wolgemuth, Wolgemuth Bros., Mt. Joy; Education-Paul E. Orner, Columbus Milling Co., Columbus; Finance-Robert B. Graybill, Pennfield Corporation, Lancaster; Law & Legislative-Ned L. Clark, Clark's Feed Mills, Inc., Shamokin; Membership-William E. Angstadt, Reading Bone Fertilizer Co., Reading; Promotion & Publicity-Carl A. Sandell, Sea Board Supply Co., Philadelphia; Flour Miller-James W. Leeser, Rhoads Mills, Inc., Selinsgrove.

Damage Should Be Reported

Nearly one month after high winds and snows pummeled western Pennsylvania, the extent of storm damage to farms remains uncertain, according to the Pennsylvania Agriculture Department.

Pennsylvania Agriculture Secretary Jim McHale said it was essential to pinpoint farm damage that occurred in a nine-coutnty area following the Dec. 1 snowstorm so that farmers could receive aid in the form of federal emergency loans.

McHale explained that the United States Department of Agriculture's Agricultural Stabilization and Conservation Service (ASCS) routinely surveys this kind of damage. "But since ASCS' local Disaster Review Boards had no early reports of extensive farm damage, we decided to supplement ASCS' efforts with our own surveys," said McHale.

In a report received in the middle of December, ASCS estimated that 1,500 to 2,000 farms had been affected by the storm with an average loss of $200 to $700 per farm for a total of $1 million in eight counties.

However, ASCS conceded that this estmate could double or triple when the "off" production of dairy cattle and poultry flocks is calculated.

ASCS termed farm damage in three counties, Fayette, Somerset and Westmoreland, as sever. Damage in five counties was considered moderate. These include Allegheny, Beaver, Cambria, Indiana and Washington Counties.

The Pennsylvania Department of Agriculture included a ninth county in its suvey, Greene County.

While damage to buildings and corn crops still in the fields was reported, the greatest losses were atrributed to the effects of power shortages on feedings, watering and milking dairy herds. Western milk dealers had reported a severe drop in milk supplies one week to two weeks following the storm.

McHale said it was obvious that total losses to western Pennsylvania farms would exceed $1 million "when we know how many dairy cows were dried up after being thrown off their milking schedules."

The secretary pointed out that his department's own survey was producing far - more drastic disaster figures. "For example," said McHale, "our survey of Fayette County is giving us an average per farm damage well above $3,000."

He cited one poultry farm in Fayette County that reported a $12,000 loss. With no electricity to run pumps for water and fans, this farm lost 3,000 chickens which caused an egg loss of 13 cases per day.

Another Fayette County poultry farm reported an $80,000 loss resulting from a collapsed building and a loss of 4,000 chickens.

A dairy farm in that county sustained a loss of $3,000 when ten cows went dry and a load of meat was lost.

McHale said his department will continue its survey with the aim of getting USDA to declare the nine counties in western Pennsylvania a disaster area, enabling farmers to secure emergency disaster loans.

Good Humor?

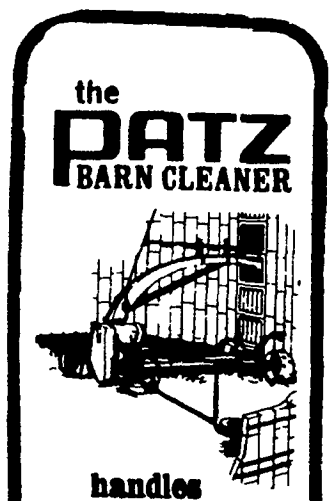
Kids overheard in a serious conversation: Boy "Kiss me" Girl "NO" Boy "Kiss me" Girl "No" Boy "Kiss me and I'll give you half my ice-cream bar" Girl "OK"

EGG & POULTRY PRODUCERS!!!
ARE MICE AND RATS DAMAGING CONVEYOR BELTS & FEED??
J. C. EHRLICH CO., INC.
PEST CONTROL
1278 LOOP ROAD LANCASTER, PA. 397-3721
Will Give You A FREE Estimate For Control and Monthly Preventive Service.

"ATTENTION"
CATTLEMEN . . . We Specialize
in shipping fever medications.
Intra Nasal and Intra Muscular Vaccine. We offer a complete medication program Cattle off feed, poor appetite, worms, bloat diarrhea, lice foot rot, and respiratory conditions.
HEATED LIVESTOCK WATERERS, FARM GATES, AND HOG FEEDERS.
ZIMMERMAN'S Animal Health Supply
R.D.#4, Lititz, Pa. 17543 Phone 717-733-4466
3 miles W. of Ephrata along WOODCORNER ROAD

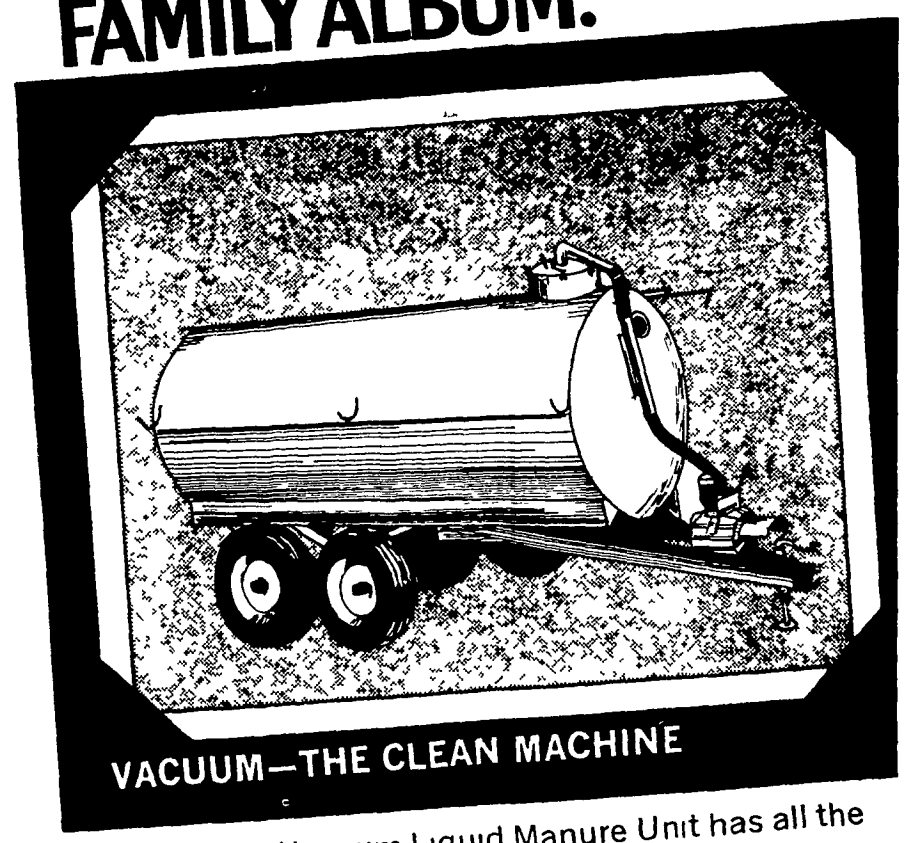
The one feed additive for growth and feed savings plus 4 way control...

AUREO S·P 250
In our feeds helps you control
★ ATROPHIC RHINITIS
★ SCOURS
★ CERVICAL ABSCESSES ★ STRESS
AUREO S•P 250* has proved to be the one feed additive that provides a wide range of benefits to pork producers. No other antibacterial in feed does so many things to help produce fast gains — improve feed efficiency — and provide superior protection against the major diseases that threaten sows and growing hogs.
AUREO S•P 250 helps save feed — reduces labor and medication costs — by keeping hogs gaining in the presence of atrophic rhinitis, controlling bacterial scours, reducing cervical abscesses — and helping prevent these diseases during stress
AUREO S•P 250 is beneficial at every stage of growth and production
*AUREO S•P 250 is the registered trademark for American Cyanamid Company's premix of AUREOMYCIN® chlortetracycline SULMET® sulfamethazine and penicillin Withdraw seven days before slaughter
AVAILABLE AT
John W. Eshelman & Sons
Red Rose Feed, York, Pa.
A Division of Carnation Co.
Pennfield Feeds
711 Rohrerstown Rd.
Lancaster, Pa.
Wenger's Feed Mill
Rheems, Pa.
Gehman Feed Mill, Inc.
Denver, Pa.
Stevens Feed Mill, Inc.
Stevens, Pa

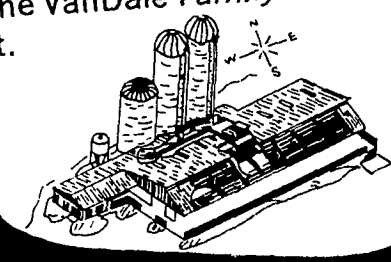


the PATZ BARN CLEANER
handles all types of silage!
with four sizes — 12' to 16', 16' to 20', 20' to 24' and the BIG ones 24' to 30' in diameter!
See your PATZ Dealer today
CALL 717-272-0871
MARVIN J. HORST
Dairy Equipment and Amana Appliances
R.D. No. 1 (Iona)
Lebanon, Pa.
Located on Route 897 between Schaefferstown and Lebanon, over 30 years in business at same place.

THE VAN DALE FAMILY ALBUM.



VACUUM—THE CLEAN MACHINE
VanDale's Vacuum Liquid Manure Unit has all the features hog farmers want. Rugged, strong, easy to fill. VanDale engineering developed a 30 foot wide swath with no rooster combing or blow back on the operator. That's Clean. That's Vacuum. A very special part of the VanDale Family of Agrimotion equipment.



SOL-AIR FEED LOT SYSTEMS
CALEB M. WENGER, INC.
R D 1, QUARRYVILLE, PA 17566
PHONE 717-548-2116
VAN DALE

AGRI-KING'S TOP regional group of area managers were honored during the firm's three-day second annual sales meeting and awards banquet recently held at Nordic Hills, a resort hotel at Itasca, Il. From left, they are Mr. and Mrs. Herb Moore, Whitehall, Pa., Mr. and Mrs. Melvin Herr, New Holland, Pa., Mr. and Mrs. George DeLong (regional manager), Lititz, Pa., Mr. and Mrs. Bill Windle, Atglen, Pa., Mr. and Mrs. Marvin Meyer, Annville, Pa., and Mr. and Mrs. Earl Ginder, Manheim, Pa. Agri-King, based in Fulton, Il, specializes in personalized livestock feeding programs.

A-C Trade Show Set for Harrisburg

The Allis-Chalmers Corp. trade show is coming to Harrisburg for the 1975 Farm Show, Jan. 6-10. Presenting the informative entertainment will be Jan Fazio, Barbara Waters and Ginny Habermann, three of the Allis-Chalmers Corp. Agricultural Equipment Group's trade show narrators.

A variety of Allis-Chalmers farm and lawn and garden equipment will be on display. Among the equipment will be the new high horsepower tractors and the improved 1975 combines.

The shows will run from 9 a.m. to 5 p.m. daily during the five day exposition.

Ginny Habermann, who has been active for several years in the Miss America pageants, will narrate a five screen panoramic show concerning food production around the world. Then, Jan Fazio brings members of the audience onto the show floor to help demonstrate the capabilities and operation of farm tractors and implements through the use of slides and actual equipment.

REGIONAL MANAGER of the Year honor was awarded George DeLong, left, Lititz, Pa., during Agri-King's three-day second annual sales meeting and awards banquet recently held at Nordic Hills, a resort hotel at Itasca, Il. Presenting the award was Del Curley, president, while Mrs. DeLong observes. He received the award for outstanding performance in hiring and training men for Agri-King, the Fulton, Il., based firm which specializes in personalized livestock feeding programs.

Agri-King Dealers Honored

Agri-King's top sales managers from Arizona to Pennsylvania received honors recently during the firm's second annual sales meeting and awards banquet held at Nordic Hills, a resort hotel at Itasca, Illinois.

James Yoder, Chambersburg, Pennsylvania, was named Area Manager of the Year by Agri-King's president, Del Curley of Thomson, Illinois, qualifying for the honor in competition with 49 other area managers.

George DeLong, Lititz, Pennsylvania, was named Regional Manager of the Year, an award given for outstanding performance in hiring the training men.

Other top awards went to Joe Thompson, Wooster, Ohio, Outstanding Achievement; William Windle, Atglen, Pennsylvania, Outstanding Achievement; and James Carpenter, Townville, Pennsylvania, Rookie Manager of the Year.

Hosted by the Fulton, Illinois based firm which specializes in personalized livestock feeding programs, the awards highlighted the three-day session.

Castor Oil

Castor Oil is produced by extracting from castor beans The beans grow mainly in Brazil, India, China, and Thailand The oil is mainly used in paints, lacquers and varnishes

The AUREOMYCIN SS First-Pound-of-Feed Program

Broiler starting programs utilizing high levels of AUREOMYCIN in feed have been successfully used for years

With today s cost of feed and the market price of live broilers this accepted practice is more profitable than ever

The AUREOMYCIN SS First Pound of Feed program involves feeding chicks 200 grams of AUREOMYCIN chlortetracycline per ton (with 1 25% sodium sulfate and 0 8% calcium) in the first pound of feed

Providing chicks with high antibiotic blood levels with the use of AUREOMYCIN aids in the prevention of synovitis with resultant better weights improved feed conversion and reduced mortality It can increase your income substantially

Based on results of large commercial trials involving more than 14 million broilers weight improvements and feed savings can produce an extra return of $8 28 per 1 000 birds with feed costs at 6 cents a pound and broiler prices at 18 cents per pound

And the cost is low Less than $3 00 per 1 000 birds is all it takes to provide potentiated AUREOMYCIN in the first pound of feed That s about the best investment around today

Plan now to put your next flock on the AUREOMYCIN SS First Pound of Feed program

Extra return from feed savings per 1,000 broilers*			
Live Weight (lb.)	3.70	3.80	3.90
Feed Saved (lb.)	111	114	117
Dollars saved with feed cost per pound			
5¢	$5.55	$5 70	$5.85
6¢	6 66	6 84	7 02
7¢	7.77	7 98	8 19
8¢	8.88	9 17	9.36

*Value of 0 03 lb savings in feed per lb gain

Extra return from increase in market weight per 1,000 broilers*	
Cents/lb live wt	Extra return per 1,000 birds
15	$4 50
17	5 10
19	5 70
21	6 30
23	6 90

*Value of 0 03 lb extra market weight per bird (feed requirements not figured in)

For Additional Information Contact your Feed Manufacturer or Distributed in the Northeast by

THE FOX CO.

NEWFIELD, N.J. 08344

For additional information call 609/692 4400

DO YOU NEED BALANCE IN YOUR FARMING OPERATION?

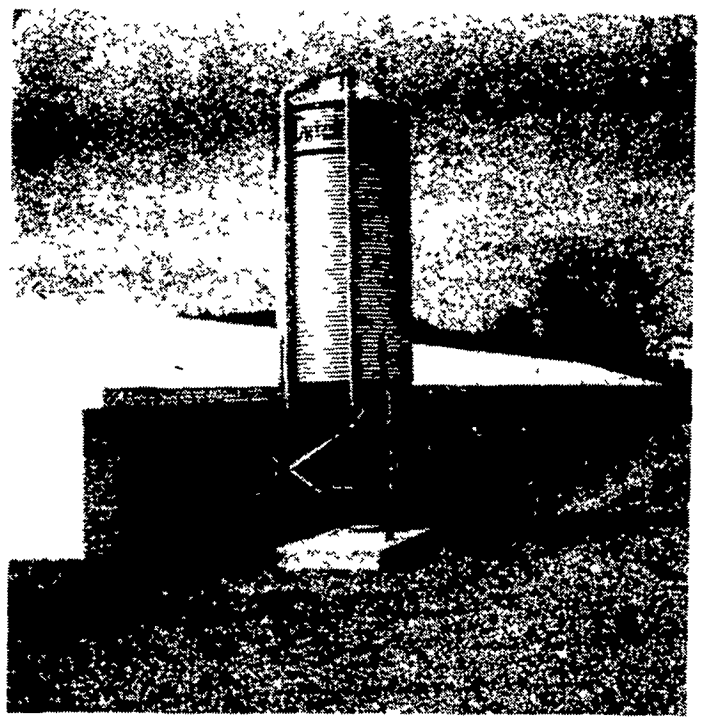
Consider a

BROILER BREEDER HATCHING EGG UNIT

FOR

LONGENECKER'S HATCHERY, INC.

ELIZABETHTOWN, PA.



Stanley Saylor, RD1, Elizabethtown, Pa says that Longenecker's broiler breeder hatching unit egg program works well with his hog and steer operation. Saylor's two-thirds slatted floor house is specially designed for efficient operation

CONTACT:

EARL GERLACH - 717-367-1545

FOR MORE INFORMATION

Knock out herd health problems before the weigh in . . .

* TRAMISOL in feed knocks out four major lung and intestinal worms

* AUREO S P 250 fights disease, rhinitis, scours and cervical abscesses

A healthier animal weighs in heavier everytime

Call us today for information about our WORM 'N GERM Program

Tramisol · WORM 'n GERM · AUREO SP 250

STEVENS FEED MILL, INC.

Stevens, Pa

Ph 215-267-2150

or 717 733-2153

Forming a Father-Son Partnership

by Jay W. Irwin
Associate Lancaster
County Agent

The winter weather changes our pattern of activities from outdoor to indoor. This should include time for business management. One important area is partnerships.

Father - how would you like a larger more efficient busines with higher income - relief from the worries of hiring help - a gradual retirement on your farm with the farm staying in your family? If the answer to these questions is "Yes," you might consider asking one or more sons to stay on the farm with you. Many fathers have reached these goals by going into partnership with their sons.

Should You Have A Partnership

Before you seek help from any outside person, you must first determine: Do you get along? No agreement or arrangement will work if the parties are not able to work together in a spirit of harmony and cooperation. This does not mean you never have any differences of opinion, because everyone does. But you must be able to work together as a team to iron out these differences.

Is your farm large enough to support two families or can it be made large enough? You must determine whether or ot the income is there to support two families. If it isn't, you'll have to increase the income or forget about trying to support two families off the farm.

If you've answered these two questions "Yes," then you are ready to explore a partnership. The first step is to work out some of the details necessary to start your farm business.

Management

In most cases, both partners will have equal control over management. The father will realize that the son will make some mistakes at first, but this is the best way to learn and willmake him . realize the value of having na experienced man like his father for guidance. And many times his "new ideas" will prove to be correct and mean more profits for the partnership Many families split up the management responsiblities by putting one partner in charge of one area such as crops and the other in charge of the cattle.

Ownership of Property

In the average case, father and mother continue to own the real estate and they rent it to the partnership at a fair price, the same as though they were renting to a stranger. The rent is their return on their investment and is in addition to the wages the father receives from the partnership for his labor. In this manner if the partnership splits up, there are few legal difficulties because the father still owns the real estate. The lease should state who pays for taxes, repairs and insurance.

As for personal property, the son usually buys from his father at the start of the partnership one-half of the cattle and machinery and either gives his father cash if he can or gives his father some cash and a note with interest for the balance. In this way the son has purchased a part of the business and is an actual owner in it. The son should make regular payments on this note.

Wages

Each partner, except in unusual cases, will be reimbursed equally for his labor where each is working full time. The father's increased skill and experience will be offset by the youthful energy and work of the son.

Bank Account

You must have a separate bank account for the partnership from which all accounts should be paid. You should attempt to have open accounts with all farm suppliers and make all payments to them by check.

Each partner will receive a regular wage from the partnership and have his own personal checking accounty just as though he were working in town. At the end of the year, any surplus in profits can be distributed equally to the partners.

Records

Where two persons run a business together, accurate records are a necessity. Many times oneof the wives is an excellent bookkeeper and it helps strengthen her interest in the partnership.

Taxes

A partnership will have little effect on your federal income taxes. The partnership will fill out a Form F the same as you do now and then transfer each partner's share of the profit to partnership Form 1065. The individual partners will then record their individual incomes on their 1040 forms.

Legal

You're about to design a "Blueprint for the Future" that will influence your life for years to come. It's important that all aspects concerning "Options to Buy, Protection for Wives, Length of Partnership, Arbitration and Legal siturations" be put by your lawyer in writing because:

1. If it is in writing, there can be little question of a misunderstanding between the parties.
2. You'll not forget the details even after many years if it is written down.
3. In the event of an estate to be settled, other heirs will have the written agreemtnt of the partnership.

We need to encourage our young people to stay on our farms. This is one way to give them responsiblity and an investment in their future.

Pfizer Honors Vo-Ag Teachers

For outstanding contributions to the Future Farmers of America, six U.S. vocational agriculture teachers have won national awards of a trophy and cash from the Pfizer Agricultural Division.

The teachers, who are advisers to this year's FFA Swine, Beef, Dairy, Livestock and Poultry Production Proficiency Award winners, received the awards here at the 1974 annual meeting of the National Vocational Agricultural Teachers Association.

The winners are Ralph Bolyard of Smithsburg, Md., for his work with the proficiency award winner in swine production; James Schultz of Lewiston, Mont., beef production; James Deas of Greensboro, Fla., livestock production; William Stephens of West Union, Iowa, poultry production, and Layton Peters and Frank Stuckey of New Ulm, Minn., co-winners in dairy production. Each received a trophy and $300, except for Peters and Stuckey, who shared the cash.

Pfizer, which also sponsors the swine proficiency production program for FFA, initiated the annual awards in 1965 to recognize the contributions of vocational agriculture instructors through their work with the FFA, and to encourage their support of all FFA activities. The program is conducted in cooperation with the NVATA.

R. M. Hendrickson, president of the Pfizer Agricultural Division, announced that Pfizer would continue its awards program next year as a means of recognizing the vital contributions teachers make to American agriculture.

Editor's Quote Book

When we try to avoid one fault, we are led to the very opposite, unless we are very careful.

—Horace

Charity

December is a popular month for charity. Fact is the virtue has now turned into an industry One outfit collected over $3 million—without a telethon or a disease for publicity

If you have fat cattle or need feeders . . .

THINK NEW HOLLAND

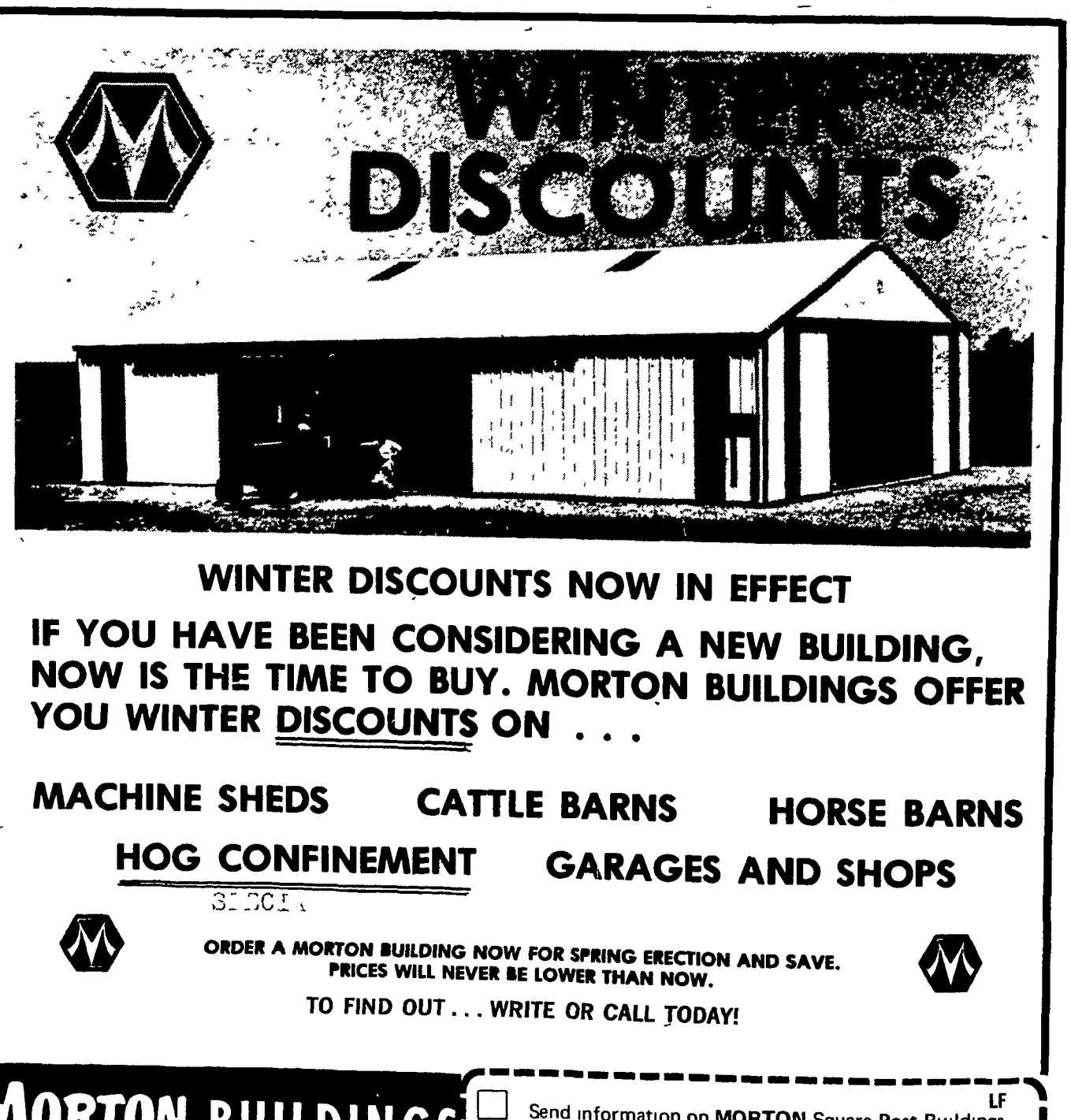
BEEF SALES
MONDAY 2:30 P.M.
THURSDAY 12:00 NOON
Sale Order - Fat Bulls, Steers, Stockers, Beef Cows and Veal Calves
NEW HOLLAND SALES STABLES, INC.
Phone 717-354-4341
Daily Market Report Phone 717-354-7288
Abe Diffenbach, Manager
Field Representatives - Bob Kling 717-354-5023
Luke Eberly 215-267-6608

Nutrena C.L.S.
Dairymen, check this new way to use urea

We have a new *kind* of liquid supplement—
to help you get maximum calf weaning weights!

SWATARA CREEK MILLS
RD1, MYERSTOWN, PA
PHONE [717] 933-4111
CALL COLLECT

ELMER SHREINER
T A GOOD S FEED MILL
R D 1 New Providence Pa
Phone 717—786-2500



WINTER DISCOUNTS NOW IN EFFECT

IF YOU HAVE BEEN CONSIDERING A NEW BUILDING, NOW IS THE TIME TO BUY. MORTON BUILDINGS OFFER YOU WINTER DISCOUNTS ON . . .

MACHINE SHEDS CATTLE BARNS HORSE BARNS
HOG CONFINEMENT GARAGES AND SHOPS

ORDER A MORTON BUILDING NOW FOR SPRING ERECTION AND SAVE.
PRICES WILL NEVER BE LOWER THAN NOW.
TO FIND OUT . . . WRITE OR CALL TODAY!

MORTON BUILDINGS
RD4, BOX 34A
U.S. RT. 30 EAST
GETTYSBURG, PA. 17325
PH. 717-334-2168

LF
☐ Send information on MORTON Square Post Buildings.
☐ Have your salesman phone me for an appointment.
NAME _____
ADDRESS _____
_____
Telephone No. _____

Heifers Journey To Jordan

On January 4th, 50 bred and registered Holstein cows will begin a journey that will take them to the Deir Allah research station in Jordan.

The heifers, which were donated by Lancaster area farmers will help to upgrade the dairy herds in that portion of the world.

The program is sponsored by the efforts of the Lancaster Mennonite Conference Relief and Service Committee, Heifer project Inc., and the Central Committee.

Mr. and Mrs. John Yost, RD2, New Holland will be accompanying the heifers to Jordan and will be staying in that country for six months to insure the animals are properly cared for.

It is hoped that the animals will help build up herds of healthy productive dairy cows and allow the country to increase their dairy products production.

ERTH-RITE
SOIL CONDITIONER
MAXICROP
LIQUID PLANT FEEDING
FEED-RITE
Vitamin & Mineral for livestock and poultry
ZOOK & RANCK, INC.
RD1, Gap, Pa. 17527
Phone 717-442-4171

Fire Regulations Planned For State Farm Show

The 59th annual Pennsylvania State Farm Show will be held as scheduled Jan. 6-10 as the Department of Labor and Industry's Industrial Board approved an interim plan to continue operation of the Farm Show complex.

Pennsylvania Agriculture Secretary Jim McHale and Labor and Industry Secretary Paul Smith announced jointly today that a plan to impose extensive fire regulations was approved to permit the Farm Show complex to remain open to the public while major renovations to the buildings are made, expected to take at least two years at a cost of about $11 million.

The interim and long range renovation plans were presented to the Industrial Board Dec. 17 by Farm Show Director Wellington Smith. The board's approval included continued use of the complex' small arena.

The Farm Show director attributed the Board's approval in part to steps already taken to administer fire and safety regulations.

These include attendance by a number of employees of the complex at the Pennsylvania Fire School; establishment of a fire brigade; acquirement of additional fire fighting equipment such as fog nozzles, hose lines, fire extinguishers, pike poles, fire axes, portable lights and compressed air breathing apparatus; and establishment of a Fire Prevention Committee.

As part of the interim plan, exhibitors leasing the complex are required to submit a floor plan to the committee locating fire prevention equipment and listing hired fire personnel. Decorations must be certified as fire retardant, exits must remain free and precautions taken for materials stored and on display.

The Harrisburg Fire Company will provide assistance at all major shows at the complex.

There will also be a prominent display of no smoking signs, gasoline powered vehicles within the premises will have their battery cables unhooked and gasoline caps tapped closed, displays in the corridors will be metal rather than wood, and exit signs will be prominently displayed.

Use of the small arena will be restricted to 800 seats at any one time. When in use, two city firemen will be on duty and no combustible materials will be permitted to be stored under the seats or in the adjacent maintenance room.

The long range plan will be financed by a $10.7 million debt authorization recently passed by the Senate and the House.

Among renovations planned are, replacement of the one-story sheet metal horse and beef cattle barn; repairs to the small arena; reconstruction of the milk house; reconstruction of the office and storage area; construction of a second floor ceiling in the administrative area; construction of interior, exterior and overhead doors and exits installation of a new sprinkler system; a new fire alarm system; and revamping existing lighting and adding emergency lighting.

The state Department of Property and Supplies' Bureau of Engineering and Construction in October issued a report that it would cost nearly $9 million to renovate and upgrade the Farm Show complex to meet fire, safety and building codes. Estimates were based on material and labor costs in July.

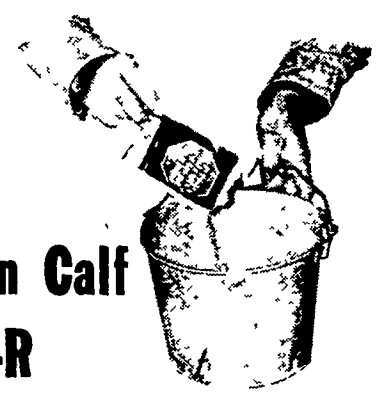
The study was prompted by an order Jan. 31 to close the complex after an inspection by the Department of Labor and Industry and the Harrisburg Fire Company. The order was rescinded when emergency repairs were made.

Quiet Please

Ever notice how quiet it is on New Year's Day? That's because everybody's too sick to talk!

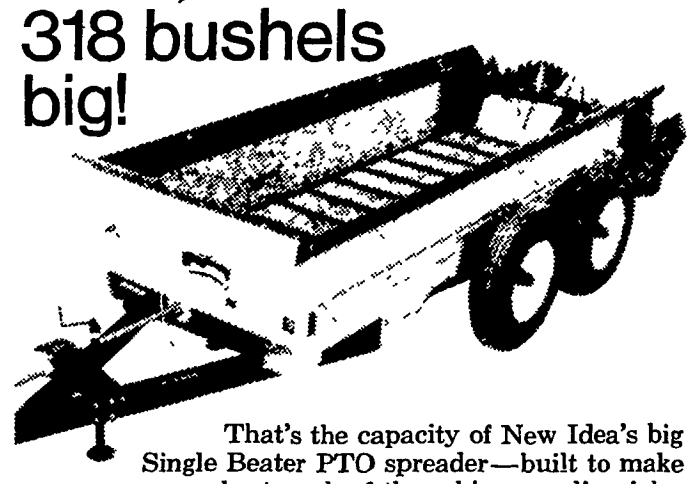
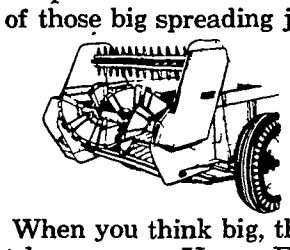
TRY A CLASSIFIED AD!
PHONE 626-2191
OR 394-3047

HAY & STRAW SALE
EVERY WEDNESDAY AT 12 NOON
Canned Goods of Fruits & Vegetables will be sold by the case starting Jan 1st
Also Selling at Jan. 1st Sale — 2 Flatbody Trucks - '65 Ford and '56 Ford.
PAUL Z. MARTIN SALES STABLES
2 miles East of Intercourse
Sale managed by Harvey Z. Martin

SCOUR STOP-R
Handy, Pre-Measured "Meal-in-a-packet"

Feed Beacon Calf Scour Stop-R
Beacon's special "synergy" of ingredients — antibiotics, trace minerals, A, D, E, and B complex vitamins — does the job quickly. Helps dry up scours, restore appetite, combat dehydration. Promotes all-around good health.
Simple as A, B, C, too. Tear open a 4-oz. packet, one per calf. Mix with warm water. Feed twice a day for 3 days. You treat while you feed!
Contains 20% protein from appetizing, easily digested milk products, plus 15% micronized fat for speedy assimilation. You get 3 days feeding and 3 days medication for pennies.
Scours stop; calves bounce back.

FREE
ONE 5 INCH CALF THERMOMETER AND CASE
with every three cartons of Beacon Scour Stop-R
(3 cartons treats 9 calves) Offer expires Jan 25 1975
EARL SAUDER, INC. NEW HOLLAND, PA.
VAN-MAR FEEDS LEESPORT, PA.
H. JACOB HOOBER INTERCOURSE, PA.
H. M. STAUFFER & SONS, INC. WITMER, PA.
McCRACKEN'S FEED MILL, INC. MANHEIM, PA.
Beacon Reps.
THARPE & GREEN MILL CHURCHVILLE, MD
CHESTER WEIST Ph. 741-2600
R. E. RUDISILL Ph. 854-2281
RICHARD B. KENDIG Ph. 302—478-3058
BEACON FEEDS
Beacon Feeds, York, Pa. — Phone 717-843-9033

MADISON SILOS NUTRI MATIC
■ The Nutri-Matic structure —controlled atmosphere bottom unloading
■ Harvest at peak nutritional levels
■ Push button operation
■ Famous Vibra Cor stave
■ Leasing plans available
the profitability of first in... ...first out!
Madison Silos Division Office
P.O Box 271, Madison, Wisconsin 53701
MADISON SILOS
Div Chromalloy American Corp
1070 Steinmetz Rd
Ephrata Penna 17522
Phone 733-1206
LOCAL DEALERS
MESSICK FARM EQUIP. INC. Elizabethtown 367 1319
FRANK SNYDER Akron 859 2688
CALEB WENGER Quarryville 548 2116
LANDIS BROS. INC. Lancaster 393 3906
CARL L SHIRK Lebanon 717 274 1436
SOLLENBERGER FARM SUPPLY Centerport Pa Phone 215 926-7671

Think Big.
318 bushels big!

That's the capacity of New Idea's big Single Beater PTO spreader—built to make short work of those big spreading jobs.
Optional Upper Beater Breaks up big hunks, shreds the load for better spreading pattern... adds load-carrying capacity, as well.

2-Year Warranty on Chain. When you think big, think conveyor chain. This giant has a super Heavy Duty Chain (20,000 lbs. tensile strength) that's backed by this full 2-year warranty.
Stop in. We're thinking big on trades... right now!
AVCO NEW IDEA FARM EQUIPMENT
UMBERGERS MILL RD4 Lebanon (Fontana) 717—867 8221
ROY H. BUCH, INC. Ephrata, R D 2 717—859-2441
A L. HERR & BRO Quarryville 717—786 3521
LONGENECKER FARM SUPPLY Rheems 717—367-3590
CHAS. J. McCOMSEY & SONS Hickory Hill Pa 215—932-2615
N G HERSHEY & SON Manheim 717—665 2271
STOLTZFUS FARM SERVICE Cochranville Pa 215—593-5280
A B C. GROFF, INC New Holland 717—354-4191
LANDIS BROS , INC Lancaster 717—393-3906

1974 - The Year in Review

(Continued from Page 6)

burned under the summer sun, and finally, as we reported in our August 3 issue, the rains came. But they came too late. The corn crop, especially, was devastated in many areas, resulting in shortages and high corn prices now being felt by area farmers who must but livestock feed.

Other bad news for the month included a report that fertilizer supplies were expected to remain tight, and that cattlemen were expected to be pressed even harder in the cost-price squeeze.

Grape and tobacco growers, both of whom stated harvesting during August, reported excellent yields from two of the county's most important cash crops.

Dauphin Countians elected their dairy princess, Debra Miller, during August, and saw her go on to be crowned Pennsylvania Dairy Princess later in the year. Susan Seidel, Richland, became the Berks County Dairy Princess just one day after Miss Miller first donned her crown.

Area farm youths featured in the pages of Lancaster Farming in August were Jeff Martin, New Holland R1, Jane Gergory, Lititz R2, Christine Erb, Mt. Joy R1, the Strauss Brothers, Ephrata R1, and Don Weaver, New Holland R1.

September -
A REALLY Fair Month

September fair season got underway on September 18 with the Solanco Community Fair in Quarryville. This year there was a new Lancaster County fair - at Elizabethtown - bringing the total number of community fairs in the county to six.

A visitor to the Solanco Fair was Pennsylvania Secretary of Agriculture James A. McHale, who told Lancaster Farming he has no plans to quit his job and as far as he knew, the governor had no plans to fire him.

Dr. Thomas Conrad, Bird-in-Hand, hosted an open house for Simmental breeders and those who'd like to be during the month.

October 26 - Three of the Northeast's top poultrymen sat on a Neppco panel in Philadelphia this week to discuss the future of the poultry industry from Maryland to Maine. The panelists were, from left to right, Robert Graybill, Lancaster, president of Pennfield Corporation, Robert Blades, Easton, Md., president of Bayshore Foods, and Herbert C. Hutchings, Jr., Belfast, Maine, general manager of Penobscot Poultry Company.

June 15 - Ruth Miller, center, daughter of Mr. and Mrs. Roy F. Miller, Myerstown, was named Lebanon County's dairy princess this week. She's shown here with the 1974 runner-up, Sharon Bomberger, right, and Donna Bennetch, the 1973 Lebanon County Dairy Princess.

October -
More Bleak Forecasts

Poultrymen and dairymen were both told they could expect more financial strain in the months ahead. At the annual Northeastern Poultry Producers Council convention in Philadelphia, leading poultrymen from the northeast predicted higher feed and marketing costs, and price uncertainty. Penn State dairy expert Richard Adams told a group of Lancaster County dairymen that they should start thinking about feeding their cows more for profit than for production.

There was another meeting on the general issue of property rights and land use, this one at the Farm and Home Center, Lancaster, under the sponsorship of the Conestoga Valley Association.

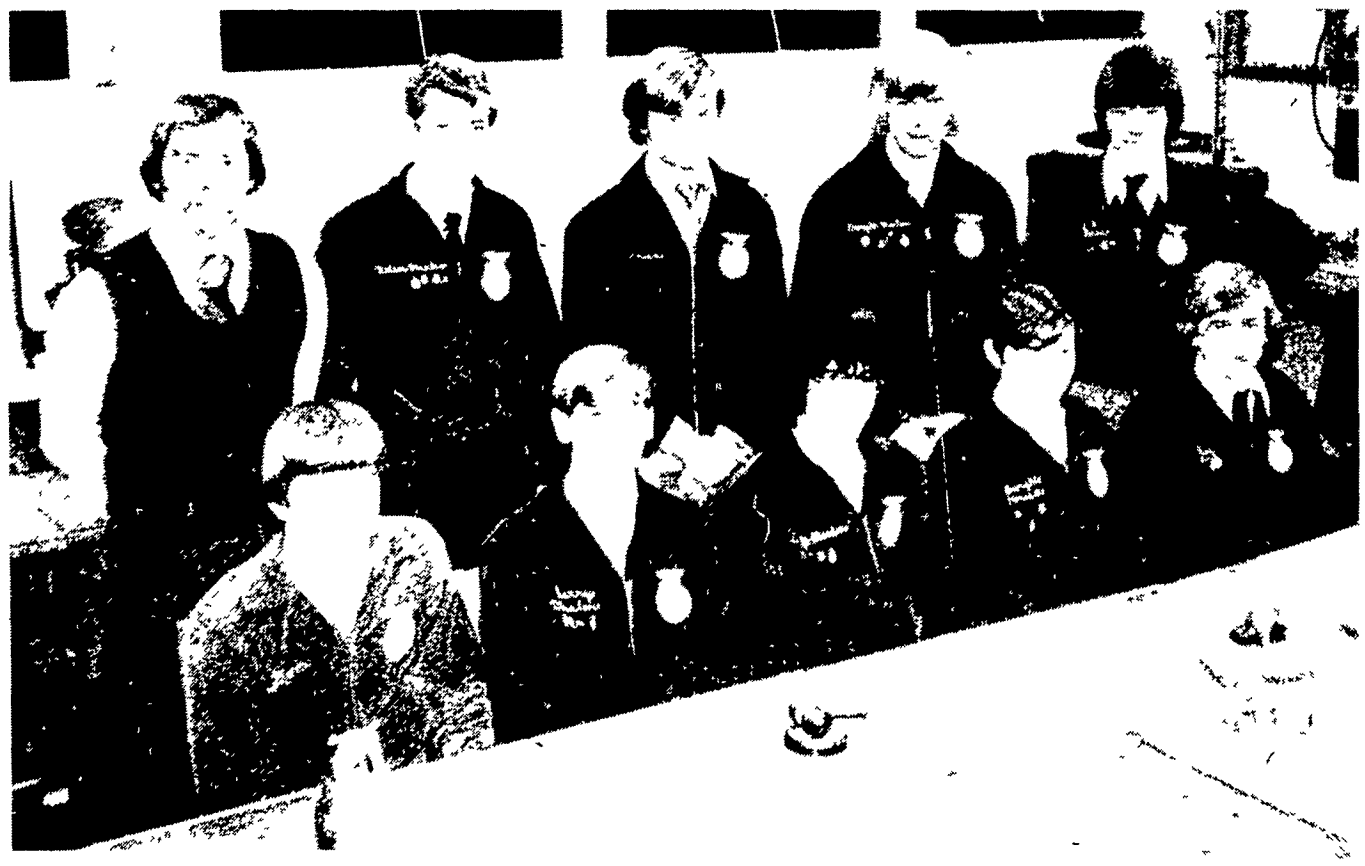
And in October, Inter-State Milk Producers Cooperative sued the Pennsylvania Milk Marketing Board for inaction, a move which eventually resulted in the rescheduling of PMMB milk price hearings.

November -
Dairymen in Washington

Dairy farmers became so dissatisfied with the size of their milk checks, that they chartered buses and drove to Washington to talk to the nation's press and to representatives of the USDA. The movement was organized by Inter-State, and some 3000 dairy farmers and wives made the trip.

In November, Berks Countians got their first official look at their new Agricultural Center, a gleaming white building sitting in a lush expanse of green lawn. This was aso the month a group of Marticville Middle Schoolers decided to drop eggs from an airplane to see how many could survive the fall.

Honors this month went to Donald Parke, Lancaster, executive vice-president of PennAg Industries Association, who was elected president of the Pennsylvania Livestock and Allied Industries Association at that group's annual meeting in Harrisburg. Also to Donald Hershey, Manheim RD6 who won the community service award presented annually by the Pennsylvania Young Farmers Association.



April 6 - Spring produced a new crop of FFA award winners in the Lancaster Farming area. This quartet from Pequea Valley High School in Lancaster County were, left to right: Don Miller, Chapter Star Farmer, Tom Denlinger, Star Red Rose, Fred Leaman, Star Chapter Farmer, and Elvin Weaver, Star Greenhand.

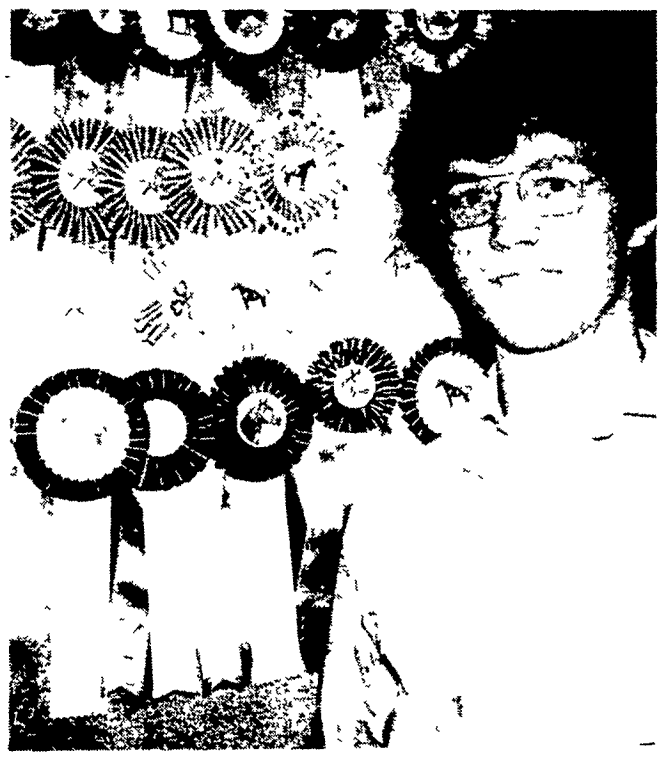
April 20 - Mrs. Hazel Hansen and daughter Evelyn and their Cottonwood Nursery Greenhouse were featured in a Laura McSparran story.

February 16 - Dr. James M. Beattie, dean of Penn State's College of Agriculture, shown as he faced newsmen this week during a news conference at the Lancaster Farm and Home Center.

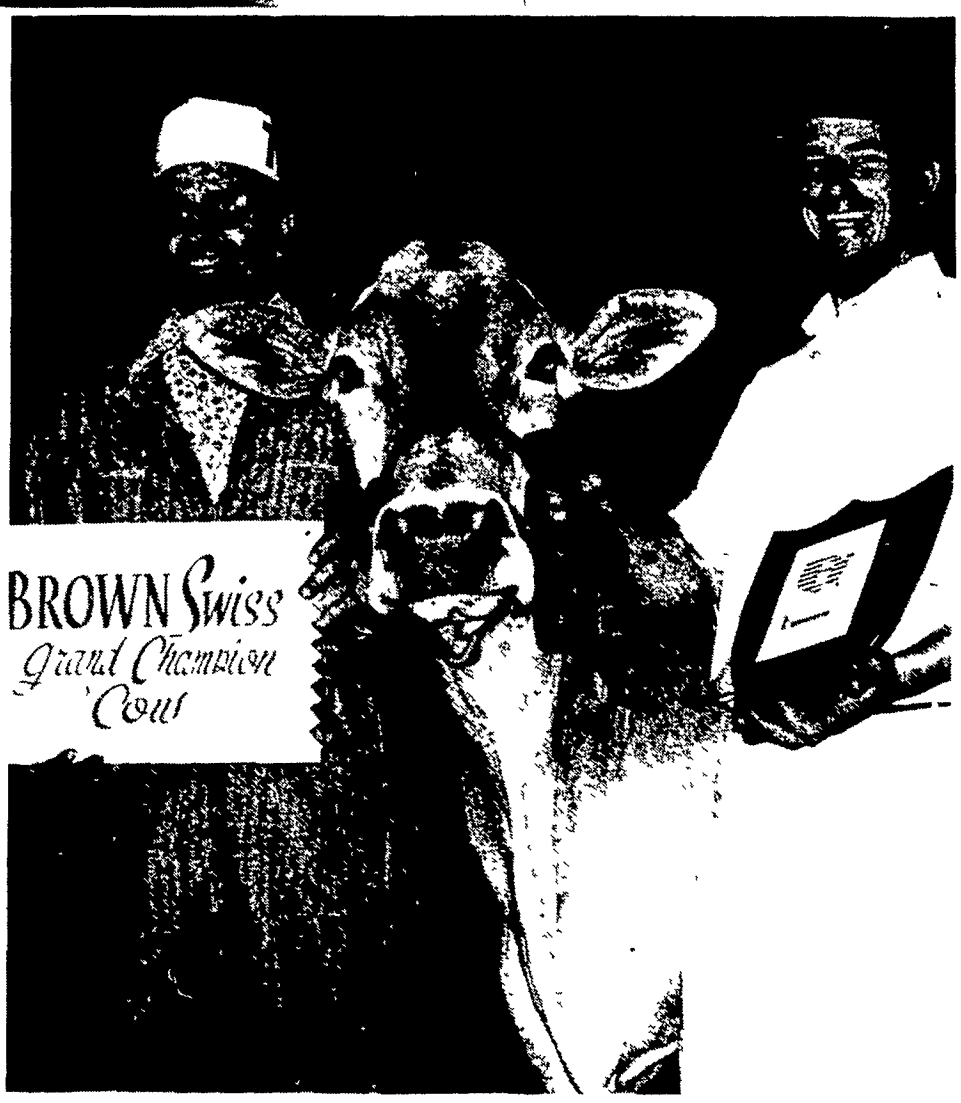
May 18 - The top team in the 1974 Lancaster County FFA Land Judging Contest was from Solanco High School. The smiling victors were shown here as they received their winning trophy from Warren Wagner, vo-ag instructor at Lampeter Strasburg. The team members, from left to right were: Joseph Overly, Mark Hohenwarter, Randy Ranck, Charles Coates and Gordon Herr.

September 7 - Vernon Leininger was named president of the Pennsylvania Poultry Federation for 1974. Leininger, shown here with his wife, Allegra owns and operates Ko-Ka-Le-Ko Egg Ranch, Denver R2.

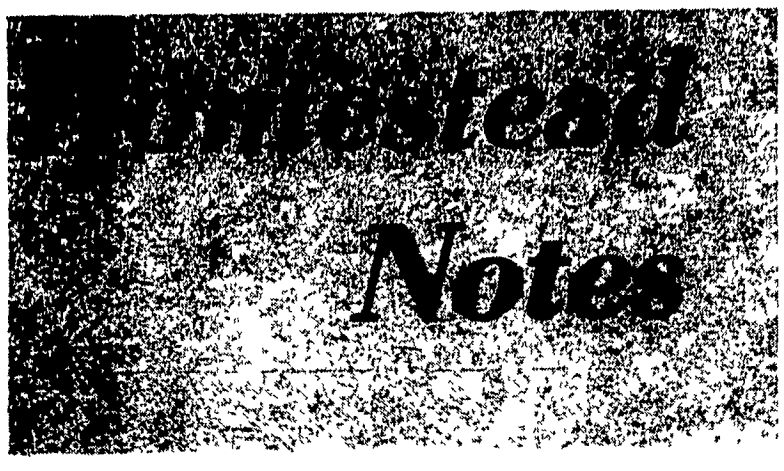
February 23 - This feisty looking critter starred in a Sally Bair feature story on the baking class at the Willow Street vo-teach school.



September 14 - Keith Feister, Lancaster County's FFA Star Agribusinessman, was the subject of a feature story by Melissa Piper, Lancaster Farming's associate editor.



January 12 - Leon Kreider, left, and Donald Trimble were the happy owners of the Pennsylvania Farm Show's grand champion Brown Swiss cow. The two are partners in a Peach Bottom dairy farm.



Lancaster Co. Students Prepare Farm Show Exhibit

by Sally Bair
Farm Feature Writer

In just another week it will be time to make your annual trek to Harrisburg for that unique experience, the Pennsylvania State Farm Show.

For you as a visitor, the only decisions you must make involve which day to attend to see the events you are most interested in, how to avoid the biggest crowds, and, of course, how to choose a day when the weather will be perfect.

But for the exhibitors at the Show, it means the culmination of literally months and months of careful planning and decision-making

Lancaster County-s Vocational-Technical Schools have the honor this year of preparing the exhibit for the state Department of Vocational Education. According to James Kerr, horticulture instructor at Willow Street and Brownstown Vo-Tech Schools, this is the first year that the exhibit will take a form other than strictly signs and plaques provided by the state. Kerr says, "This year's exhibit is designed to show an informal garden retreat."

While the suggestion for doing the exhibit was put forth last year, actual work began early in this school year, when students of the county's three Vo-Tech schools were asked to draw up suggested designs of how they would plan to utilize the 28 x 36 foot area.

The exhibit will be located on the second floor around the main arena, and students were provided with a blueprint of the area, so they knew how many pillars had to be accounted for, where the exit ramps were located and what other physical characteristics had to be considered.

The purpose of the exhibit, according to Kerr who is coordinating the efforts, is to demonstrate just what a graduate of the vocational technical program can produce. It employs the fundamentals of landscape design, landscape establishment and maintenance, choosing appropriate materials including selection and use of turf grass, patio bricks and sod.

A composite design was selected from those submitted and cost estimates were submitted to the state before the project actually began. The final exhibit encompasses all

Donna Williams, a senior at Hempfield High School, holds one of the 100 mums to be used in the Farm Show exhibit.

Nancy Linengood, a Manheim Central junior, is watering plants to be used at the Farm Show.

that students can produce after studying at the vo-tech school in this field, Kerr says.

Approximately $600 worth of plant material will be utilized, according to Kerr, with much of the material being donated or given at cost by local nurseries.

Actual construction of the exhibit will take place on Thursday and Friday, January 2 and 3, when five students from each of the five classes involved and their instructors will travel to the Farm Show Building. Kerr explained that the caravan will include a busload of students and several trucks to carry all of the materials. He said, "We will work from early in the morning until very late at night."

Transporting the plant materials is no small job, but Kerr said precautions will be taken to keep the flowering plants and trees from freezing in the winter weather.

The classes involved in the work and their instructors include: Mount Joy floriculture taught by Dan Helwig; Mount Joy Horticulture taught by Ray Little; Brownstown floriculture, Judy Levine; Brownstown and Willow Street horticulture, James Kerr; and Willow Street floriculture, Charles Patterson.

Each day of the Farm Show there will be students and teachers to explain the exhibit and to answer questions about the Vo-Tech programs.

Besides doing all the labor involved in creating the exhibit, students are having an educational experience in getting the plant materials in proper condition for the show.

It is the responsibility of the Mount Joy Vo-Tech floriculture department to get the chrysanthemums to flower by Farm Show time. According to instructor Helwig, the order for the plants was placed a little late, and there is some concern about whether the mums, which need about 11 weeks to flower, can be forced to bloom in time for the show.

There are about 100 plants in the greenhouse at Mount Joy being given tender loving care in hopes that they'll be ready for the floral display. However, if nature can't be hurried fast enough, Helwig says they'll resort to geraniums or will bring in bulbs from outside and force them. In any event, students will have the opportunity to watch the process and to participate in the decisions along the way

Flowering dogwoods will add a striking contrast to the cold winter outdoors, and according to Kerr, they need six weeks to come to flower. The sod, being prepared by Sporting Valley Turf Farm, must be "laid out for a week in advance or it will be frozen" when it's time to lay it in the exhibit. All of the angles must be considered so that the plant materials are at exactly the right stage to carry out the theme of the exhibit.

Other trees being used in the garden scene will be birches, which will be in leaf, honey locusts and hemlocks. Pachysandra will be used as a ground cover.

There will be a pool of water and a patio set in loose sand, complete with patio chairs. The setting certainly sounds like a quiet place to take a rest from the hustle of Farm Show, but, unfortunately for weary visitors, the entire exhibit will be roped off, so no one will get to sit in the cool shade and enjoy the peaceful solitude.

About 40 railroad ties will be used to build a terrace in the exhibit, and a basket weave fence will surround much of it. Fifteen canadian hemlocks will make an attractive border.

All in all, the exhibit will be a tribute to the students' ability to design and carry out a landscape project, and it will be an interesting and restful change from the usual educational exhibit at the Farm Show.

So when you're there enjoying the beauty of this garden retreat, stop for a moment and consider all the work which went on behind the scenes to produce this area of beauty.

Indeed, as you walk around the show, consider all the planning which is involved in making the Pennsylvania Farm Show the diverse, interesting education that it is—for farm and city folk alike. Literally thousands of man hours are spent preparing each exhibit in the hopes of catching your attention if only for a few minutes.

Have a good trip to Farm Show this year—and give special thought to the creators of all those exhibits!

$ SAVE ON FOOD $
CORKS CANNED GOODS
★ SPECIALS THIS WEEK ★
46 OZ.
PINEAPPLE JUICE 3 FOR $1.00
12 OZ. CAN
LEMON SODA 6 FOR $1.10
NEW STORE HOURS
Thurs. & Fri. 9 to 8
Saturday 9 to 6
150 Fruitville Pike
Manheim, Pa.

SUPER SHOES

2750 COLUMBIA AVE., LANCASTER

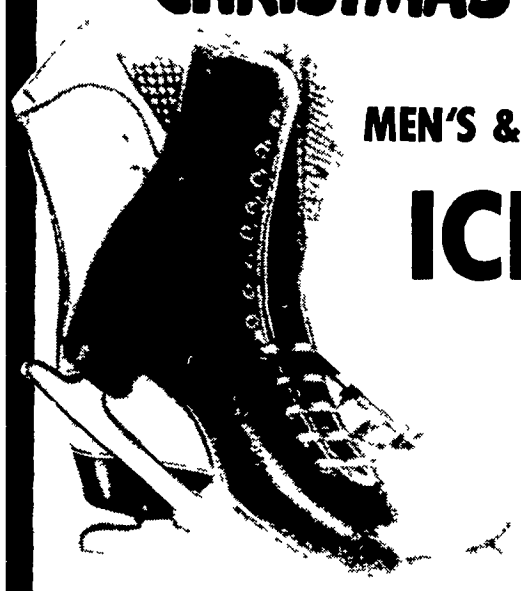
PLENTY OF FREE PARKING

OPEN 10 A.M. TILL 10 P.M.
DAILY EXCEPT SUNDAY

PENNSYLVANIA'S LARGEST SHOE STORE
OVER 60,000 PAIRS OPENLY DISPLAYED

FIRST QUALITY ★ ★ QUALITY FIRST

AFTER CHRISTMAS CLEARANCE



MEN'S & BOYS', LADIES' & MISSES'

ICE SKATES

Black or White
Naugalon Uppers

$7.98

MEN'S

SNOW-MOBILE BOOTS

Water Proof, Rubber, Bottoms Water Resistant, Nylon, Uppers

OUR REGULAR PRICE IS $10.98
SALE PRICE ONLY **$7.98**

MEN'S & BOYS' COURT PRO

BASKETBALL SNEAKERS

Cushioned Top Line. Colors: Black, Navy, White, Red, or Gold.

$5.98

LADIES' LOAF-A-BOUT

BOOTEES

Soft Brushed, Orlon Acrylic Nylon. Fits Women's Hosiery Sizes: 9 to 11. Colors: White, Yellow, Light Blue, Lavender, Red, or Hot Pink.

OUR REGULAR PRICE IS 69c
SALE PRICE ONLY **29c**

LADIES' & TEENS'

ESKIMO BOOTS

Colors: Yellow with Blue, Red with White, Brown with Imitation Sealskin, Brown with Tan.

OUR REGULAR PRICES ARE:
$12.49 $13.98 & $15.98

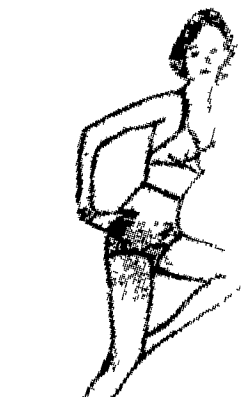
SALE PRICE ONLY **$6.98**

GIRLS' SUEDE

STOMPER BOOTS

Cushioned Collar, Lug Soles, Color: Dark Brown. Sizes: 8½ to 3

OUR REGULAR PRICE IS $5.98
SALE PRICE ONLY **$2.88**

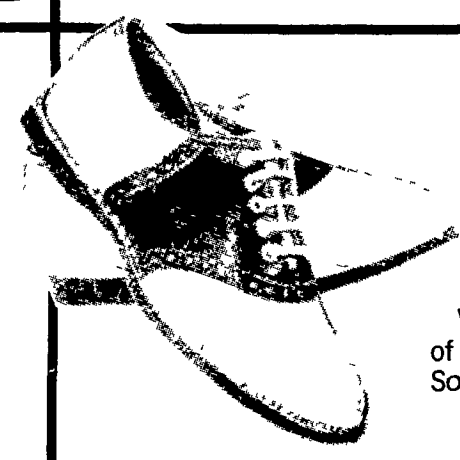


FIRST QUALITY, ONE SIZE,

PANTY HOSE

SHADES: Coffee, Cinnamon, Mink, Taupe or Beige. 100% Nylon.

19c



LADIES' & TEENS'

SADDLE OXFORDS

White with Black Saddle. Your Choice of Black Crepe Soles or Coral Rubber Soles.

OUR REGULAR PRICE IS $7.98
SALE PRICE ONLY **$2.88**

LADIES HAVE YOU HEARD?

By Doris Thomas, Extension Home Economist

Buying Fabrics On Sale

This is sale time, that time of year when stores are claring out Christmas merchandise and cutting down on inventories. It's a time when you can get good bargains, especially in clothing and fabrics, Now is a good time to buy quality items you might normally feel you can't afford. Here are some suggestions for buying fabric on sale.

Don't get carried away by a big markdown. Nothing is a bargain unless you have a use for it. Remember, sale merchandise is usually not returnable. Money spent on a readymade garment you will wear only once or a fabric you will never use is a poor investment compared to the same amount spent for something you will use often.

Party dresses and glamour fabrics are often on sale after the holidays. It could be a good time to buy them for use next year but keep in mind that styles could change. Fabric for party wear might be a safer bet if you know how much to buy and can store it properly. But be careful about stocking up on velvets and other crushables unless you can store them properly. Also buy the fabrics that were new this season because they are likely to be around next year.

You can buy some fabrics to use next year if your storage is adequate and if you can store woolens t prevent moth damage. But before you get too enthusiastic, remember that the new fabrics next fall will tempt you too, and you may wish you didn't have to make up that bargain.

Some bargains get pushed to the back of the "to make" drawer for a long time until they are out of style or you no longer like them. If you never use the fabric it's not bargain. Most seamstresses have drawers full of such bargains, so before you add any more, take stock of how much you have on hand.

Tips on Smokeless Fireplaces

If tears run down your cheeks every time there's a fire in your fireplace, make sure the room is well ventilated, the damper open and the flue unplugged.

Poor ventilation will cause the fireplace to smoke. Avoid burning wet or green wood. This wood gives off more tars and wood extracts that may condense in the chimney flue. These could result in a chimney fire in time.

Unseasoned wood plus poor ventilation or an obstructed chimney can lead to all sorts of irritation. Eye, nose and mucous membranes, even at nontoxic levels, are first to react to smoke. Some modern homes, expecially those with electric heating, are constructed so air-tight that an air vent may have to be installed to let the smoke go up the chimney.

Also, if you burn wood or charcoal without enough oxygen, some carbon monoxide is released. Glass fireplace doors offer a possible means of regulating a draft, and may reduce the amount of moke that escapes into the room. If, however, the chief reason for poor fireplace performance is faulty construction, the only safe solution is to rebuild the whole fireplace. Fireplaces are wonderful - when they work properly.

USDA Publishes Shoppers Guide

"Shopper's Guide", the new Yearbook of Agriculture, is designed to help the shopper buy the right product for the best price.

The 368-page illustrated hardback, published this month, is packed with information useful to consumers. It has six sections--Food, Materials, Equipment, Gardening, Services, and Recreation--and is written in popular style.

In a foreword, the Secretary of Agriculture says that "Shopper's Guide" lays down guidelines to help shoppers make their own decisions, and do their own brand comparisons.

Practical information in the Food section includes a chapter that tells how many servings you can expect from a package of food, and how many of those packages a family will require, the Secretary notes. The chapter also helps you compare the costs of food in varioius forms--fresh, frozen, or canned.

Other information in the Food section includes ways to combine foods to provide a desirable diet, tables which help you compare costs of foods you might use as replacements in meals, nutrition labeing, food grades, and unit pricing, Secretary Butz says.

"The Materials sections covers concrete and concrete block, brick, lumber, plywood, and other wood-based material, insulatng and wiring--mostly in relation to work an energetic homeowner might do himself," Secretary Butz continues.

"The Equipment section covers kitchen appliances, laundry facilities, lighting fixtures, and furniture, among other things. Gardening ranges from buying seeds to trees and shrubs, roses, cacti, ground covers and vines, and fruits.

"the Services section includes how to deal with movers, shopping for credit, and having appliances and your car repaired or serviced. The Recreation section is angled mainly to vacation activities that don't involve much use of gasoline."

Secretary Butz notes that "Shopper's Guide", the 1974 Yearbook of Agriculture, is a companion volume to the 1973 Yearbook, "Handbook for the Home." Both books are based mainly on Federal or state research. The Yearbooks are devoted to a different subject each year.

A copy of "Shopper's Guide" may be obtained for $5.70 at government bookstores in various parts of the country or by sending a check or money order to Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20401.

In addition, each member of Congress has a limited number of copies of the Yearbook for free distribution to constitutents.

The Agriculture Department has no copies of the book for public distribution or sale.

Consumers' Corner

Door-to-Door Sales

A recent ruling by the Federal Trade Commission is now in effect The purpose of the ruling is to allow consumers a cooling off period to protect themselves from the high pressure tactics employed by some salesmen.

Following are the major provisions of the rule

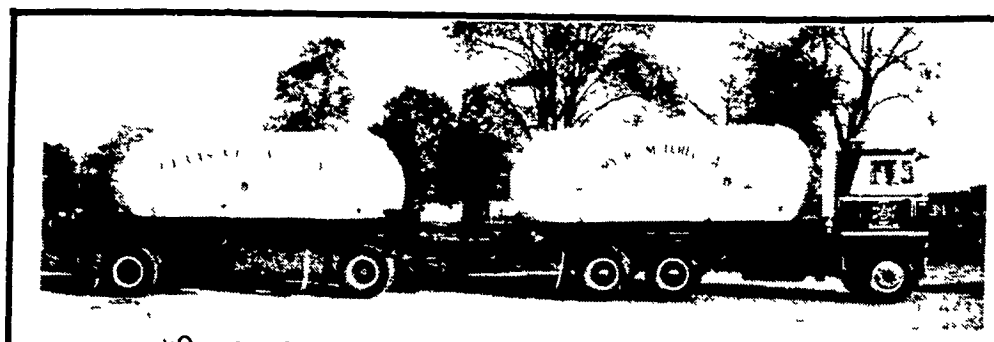
—Consumers may cancel their purchase of goods or services bought from a door-to-door salesman if the price is $25 or more and if he cancels in writing within three business days

—Salesman must produce a sales contract and give an oral explanation of the consumer's right to cancel. Salesmen must also provide a completed "Notice of Cancellation" form Both the notice and the original contract must be in the same language that the salesman uses in his sales pitch.

—After cancelling, the consumer must have the merchandise available for pick-up Consumers may keep any goods not claimed within twenty days

—Salesmen must pay all expenses for return of goods

—Salesmen must return any payment to consumer within 10 business days after receiving the cancellation notice



Two-Way Radio Dispatch

FAST - DEPENDABLE - SERVICE

EQUIPPED TO SERVE YOU — FOR ALL YOUR FARM NEEDS

GAS SPACE HEATERS | CALORIC RANGES | GAS BROODERS FURNACES

MYER'S METERED GAS SERVICE, INC.

P.O. BOX 71
MANHEIM, PA. 17545
Telephone (717) 665-3588

LP GAS THE MODERN FUEL

Coming...

Saturday, January 4

Lancaster Farming's Annual

PA. FARM SHOW ISSUE

Featuring . . .

★ Special Farm Show Stories
★ DHIA Reports
★ Keystone Farmer Degrees
★ Complete Farm Show Schedule
★ And Many Extra Features

ADVERTISERS: Plan Now to be represented in this Special Issue. Deadline December 30.

We at Hershey Equipment Company would like to take time out of this busy holiday season to thank all of you, our customers, for your terrific patronage in the past year.

We look forward to serving you even better in the coming year. To all of you we wish a healthy and prosperous new year. From the employees and management of Hershey Equipment Company Inc.

215 DILLER AVE.
NEW HOLLAND, PA.
354-4576

AUTHORIZED Big Dutchman. DISTRIBUTOR

Home on the Range

Cherry Pudding

Combine:
2 cups cherries
1 tablespoon butter
1 tablespoon flour
Bring to a boil:
1 tablespoon butter
1 cup sugar
½ cup milk
2 eggs
¼ teaspoon salt
1 teaspoon baking powder
1½ cups flour

For fresh cherries, add ½ cup sugar and 1 cup water. Cream the butter and sugar. Add the other ingredients and beat well. Put cherry mixture in a greased pan.. Pour batter over them and bake for 30 minutes. Serve with sweet milk.

Katie King
Myerstown

xxx

Meat Loaf

3 cups ground beef
¾ cup oats uncooked
¼ cup chopped onion
1¼ teaspoon salt
¼ teaspoon pepper
1 egg beaten
½ cup milk
½ cup brown sugar

Beat egg and put in other ingredients. Mix well. Bake at 350 for 1 hour and 15 minutes. Let stand 5 minutes before slicing.

Ellen Hoover
Age 17
Leola

xxx

White Bread

2 packages of active dry yeast
¾ cup warm water
2 2-3 cups warm water
¼ cup sugar
1 tablespoon salt
3 tablespoons melted shortening
9-10 cups all purpose flour

Dissolve yeast in ¾ cup warm water. Stir in 2 2-3 cups warm water, the sugar, salt, shortening and 5 cups flour. Beat until smooth. Mix in remaining flour to make dough easy to handle. Let rise about 1 hour. Punch down dough and divide in half. Roll each half into rectangles 18 x 9 inches. Roll up beginning at short end. Fold end under and grease loaf pans. Brush loaves lightly with butter. Let rise till double about 1 hour. Bake at 350 degrees for 20 minutes.

Christine Nolt
Age 13
Peach Bottom

xxx

Pecan Cookies

1 cup margarine
¼ cup sugar
1 teaspoon vanilla
2 cups flour
1 cup chopped nuts

Bake at 300 degrees for 25-30 minutes. Remove from cookie sheets and sprinkle with confectioner's sugar. Roll in ball and flatten slightly to bake.

Samuel Stoltzfus
Age 8
Gordonville

Toffee Bars

Bottom Layer:
½ cup butter
½ cup brown sugar
1 cup flour
Top Layer:
2 eggs
1 cup brown sugar
1 teaspoon vanilla
2 tablespoons flour
1 teaspoon baking powder
½ teaspoon salt
1 cup coconut

Cream butter gradually and add sugar. Mix well; press firmly into ungreased pan. Bake at 350 degrees for 10 minutes and cool slightly. For top layer, beat eggs and add sugar, baking powder and salt. Stir into egg mixture until smooth. Add coconut and nuts Spread evenly on baked bottom layer. Bake in a 350 degree oven for 35 minutes. Cool and cut into bars.

Catherine Martin
Age 14
Leola

xxx

Oatmeal Cake

1 stick margarine
1 cup granulated sugar
1 cup brown sugar
2 eggs
1 cup rolled oats
1¼ cup boiling water
1½ cups flour
1 teaspoon baking powder
1 teaspoon soda
¼ teaspoon salt
½ teaspoon cinnamon
1 teaspoon vanilla

Bake at 350 degrees for 35-40 minutes. Let cool and put on topping.

Topping: ½ stick margarine, 1 cup brown sugar, 1-3 cup canned milk, 1 cup coconut and ½ cup walnuts. Broil for about 2 minutes.

Esther Mae Hoover
Age 10
Stevens

xxx

Tuna Burgers

Mix in a bowl:
1- 7 ounce can of tuna
1 cup chopped celery
½ cup diced cheese
1 small minced onion
¼ cup mayonnaise
salt and pepper to taste

Split and butter 6 hamburger rolls. Fill buns with Tuna mixture and replace tops. Heat in waxed paper sandwich bags on baking sheet at 350 degrees for 15 minutes.

Can be made ahead of time and stored in refrigerator and then heated before serving.

LeAnn Kurtz
Age 9
Ephrata

xxx

Pumpkin Cookies

Cream:
1 ½ cups white sugar
¾ cup shortening
1 egg
1½ cups pumpkin
Sift:
3 1-3 cups flour
1½ teaspoon baking powder
1½ teaspoon soda
1 teaspoon salt
1 teaspoon nutmeg
1½ teaspoon cinnamon
½ teaspoon ginger
½ teaspoon cloves

Mix with above then add 1 cup nuts. Drop by teaspoons. Bake 15 minutes at 400 degrees.

Mabel Hoover
Age 14
Himrod, New York

xxx

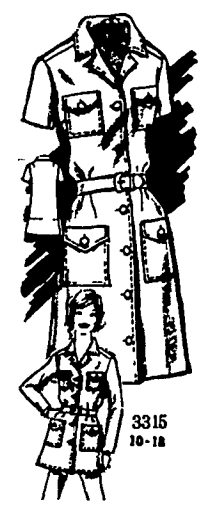
Chocolate Balls

1 stick margarine
3 cups rice krispies
2 cups peanut butter
1 pound powdered sugar

Mix all ingredients together and shape into balls. (Robin egg size) Dip into chocolate mix which is 1 bar parafin to 1-12 ounce package of chocolate chips. Melt these together over medium flame. After dipping place on waxed paper and refrigerate. No baking!

Darla Nolt
age 7
Ephrata

SEW WHAT?
THIS WEEK'S PATTERNS
BY AUDREY LANE



Pockets! Pockets!

This many pocketed safari style can be made in dress length or as a tunic to wear with pants No 3315 comes in sizes 10 to 18 In size 12 (bust 34) dress takes 3 yards of 44-inch fabric, tunic with long sleeve, 2⅞ yards of 44 inch

Cute Doll

This cute doll with the cape and hood will enchant any child Pattern No 1064 contains instructions on how to cut out the pattern

Send 50¢ for each dress pattern, 30¢ for each needlework pattern (add 15¢ for each dress pattern, 10¢ for each needlework pattern for mailing and handling) to AUDREY LANE BUREAU, Morris Plains, New Jersey 07950

GARBER OIL CO.
TEXACO
Fuel Chief
HEATING OIL
& OIL HEATING EQUIPMENT
AIR CONDITIONING
MOUNT JOY, PA.
Ph. 653-1821

UNCLAIMED FREIGHT COMPANY and LIQUIDATION SALES

NEW YEAR'S EVE CLOSING 5 P.M.

STEREO MANUFACTURER MOVING BUSINESS. PURCHASED 2 TRAILER LOADS — COMPONENTS, CONSOLES AND SPEAKERS. TOO MANY TO LIST — ON FLOOR NOW. SAVINGS 50% AND UP.

LIQUIDATING FOR DISTRIBUTORS

7 - QUAD SETS - Discrete & Matrix - AM-FM Stereo - 8 Track - 4 Speakers - Top Name Brand. Reg. $429.95 **OUR PRICE $189.95**

4 - STEREO COMPONENTS - AM-FM Stereo-Phono Reg. $409.00 **OUR PRICE $219.95**

20 - STEREO COMPONENTS - AM-FM Stereo - 8 Track - Phono w-Air Suspension Speakers Reg $369.95 **OUR PRICE $169.95**

MANY MORE COMPONENTS & CONSOLES TO CHOOSE FROM

12 - 25" CONSOLE COLOR T.V.'S Reg. $669.95 **OUR PRICE $449.95**

8 - STEREO COMPONENTS - AM-FM Stereo - 8 Track - MPX - Rating R.M.S. Reg. $279 95 **OUR PRICE $149.95**

7 - STEREO COMPONENTS - AM-FM Stereo - 8 Track - MPX - Rating R.M.S. Reg. $309.95 **OUR PRICE $169.95**

150 - CAR 8 TRACKS and Car 8 Tracks with AM-FM Stereo **½ PRICE**

8 TRACK TAPES - Reg. $4.89 ea. **OUR PRICE $2.00 ea.**

100's - SPEAKERS for Component and Console Stereso.

SOFA BED & CHAIR SETS Reg. $289.94 **OUR PRICE $139.95**

Liquidating 2 **TRAILER LOADS OF FURNITURE** for local manufacturer. SOFAS Reg. $469.95 **OUR PRICE $199.95.**

17 - CHAIRS Reg. $219.00 **OUR PRICE $40.00.**

400 - RECLINERS - Dealer Refused From Up State - **50 Percent to 60 Percent OFF RETAIL PRICE.**

PINE DRESSERS & CHEST - Reg. $329.00 **OUR PRICE $100.00 ea.**

Big Selection of **LAMPS - ½ PRICE**

10 - ARTIFICIAL CHRISTMAS TREES

Liquidating 200 **WATCHES** - All Will Be Sold Under (Wholesale)

200 - KITCHEN SETS - Glass - Metal - Wood (Most of these sets were refused from local stores.

100 - FOLDING CARD TABLE CHAIRS - Reg. $24.95 **OUR PRICE $9.50 ea.**

8 - BUNK BED SETS - Reg. $289.95 **OUR PRICE $149.95**

15 - BUNK BED SETS - Maple & Pine - Reg. $339.95 **OUR PRICE $179.00 and $189.00.**

WASHERS — DRYERS — STOVES — REFRIGERATORS FROM WAREHOUSE PURCHASE.

60 DOZEN GOLF BALLS — 50 PERCENT OFF

SOME CHRISTMAS DECORATIONS & LIGHTS.
BAR STOOLS & BARS — GUN CABINETS — HUTCHES & BUFFETS — END TABLE SETS.

RUSTIC PINE CHEST - Reg. $229.00 **OUR PRICE $55.00.**

BEDROOM SUITES

24 - FULL SIZE SEWING MACHINES - Light Weight - Not Cast Iron - Built-in Button Holer - Built-in Blind Stitch with true stretch stitch Built-in Reg. $309.95 **OUR PRICE $109.95** with portable case.

19 - SEWING MACHINES - Fully Automatic - Light Weight - Nationally Advertised at $389.95 **OUR PRICE $179.95**

MANY SEWING MACHINE CABINETS TO CHOOSE FROM AT SAVINGS TO TALK ABOUT.

7 - POOL TABLES w-solid slate tops - **3 SIZES**

5 - DISHWASHERS

DIGITAL CLOCKS - with AM-FM Radio Reg. $49.95 **OUR PRICE $29.95**

DIGITAL CLOCKS - with AM-FM Stereo Reg. $129.95 **OUR PRICE $59.95**

CASSETT RECORDERS with Condenser Mike Reg. $89.95 **OUR PRICE $39.95**

CASSETT RECORDERS w-Condenser Mike Reg. $69.95 **OUR PRICE $29.95**

MIRACLE KNIFE Reg. $2.89 **OUR PRICE 50 Cents.**

MICRO-WAVE OVENS

BIKES — BOYS' & GIRLS' - 10 SPEED & 3 SPEED

60 - GRANDMOTHER & GRANDFATHER CLOCKS — 40 PERCENT TO 50 PERCENT OFF

51 - PINE ROCKERS Reg. $139.00 to $189.00 **OUR PRICE $79.95.** Rockers cancelled from local store - we purchased.

55 - HIDE-A-BEDS - Herculon Reg. $289.95 **OUR PRICE $169.95.**

OFFICE DESK - Reg. $269.95 **OUR PRICE $125.00.**

MEN & WOMEN ELECTRIC SHAVERS — CALCULATORS — PERFUME — AFTER SHAVE LOTION — PICTURES — RAIN SUITES — BOX SPRING & MATTRESS — DEACON BENCHES.

DUE TO SO MANY DEALER CANCELLATIONS WHICH WE PURCHASED FROM THE COMPANIES AND FREIGHT COMPANIES, THE ITEMS ARE TOO MANY TO MENTION ALL OF THEM, COME IN AND SEE.

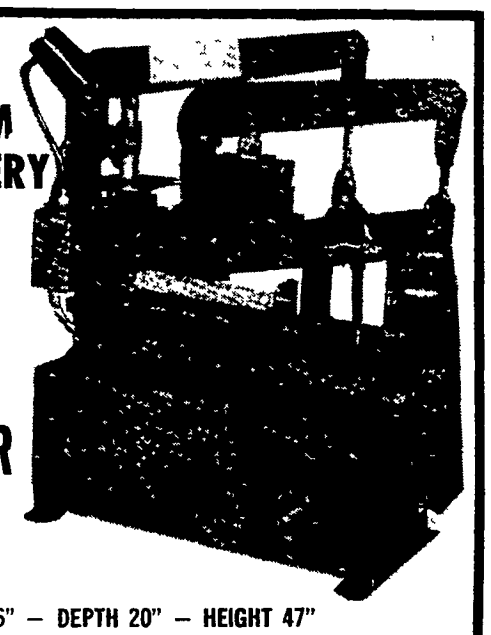
IF YOU DON'T SEE IT — ASK FOR IT
FULL WARRANTY, FINANCING THRU BANK, ACCEPTANCE COOPERATIONS, CREDIT CARDS, LAYAWAY

CORNER OF HEMPLAND RD. AND CENTERVILLE ROAD, NEXT TO 84 LUMBER, LANCASTER, PA.

HOURS:
Mon. thru Fri. 10 A.M. to 9 P.M.
Sat. 10 A.M. to 5 P.M.
PHONE 397-6241

SAVE $ ON FARM MACHINERY REPAIR

DVORAK IRON WORKER



BASE 36" — DEPTH 20" — HEIGHT 47"

COMPACT MACHINE — MINIMUM OF SPACE. THIS MACHINE DESIGNED AND BUILT FOR USE IN FARM REPAIR SHOPS — LARGE OR SMALL FACTORIES — IN SCHOOLS — IN MAINTENANCE SHOPS. MACHINE IS COMPACT. CAN BE MOVED TO JOB SITE. MACHINE IS ONLY 36" LONG AND 47" HIGH AND 20" WIDE. SHIPPING WEIGHT APPROXIMATELY 900 POUNDS.

PARTS AND SERVICE
David S. King
R.D. 3 — BOX 359
MYERSTOWN, PA. 17067

*Pumps
Hydraulic Units
*Motors
*Hoses

Recipe Exchange. . .

Home on the Range

Our recipe file is beginning to look a bit thinner so we would encourage you as readers to be sending in your favorite recipes. No matter what type of dish is your family favorite we'd enjoy hearing from you and sharing a recipe or two. Also, if you have tips on storing food, cooking or any other kitchen help send it along. Best wishes for a pleasant New Year!

Eating For Good Fortune

Is it fact or fiction that good luck will follow you everyday of the New Year if you eat black-eye peas and corn bread January 1? A lot of people don't take chances.

They go through the year expecting good luck, and often they find it.

For some people, eating black-eye peas becomes a New Year's day occasion for an at-home party. Black-eye peas are served right along with buffet food. For others, it becomes the main dish meal.

For whatever reason, this month is a good time to put in a supply of dry beans and dry peas. According to marketing specialists of the U.S. Department of Agriculture, they are both in plentiful supply now.

Some of the good things about these two hearty food products include:

—Easy storage. They come in small packages and require no refrigeration. They need only to be kept tightly covered and in a cool place.

—Long shelf life. When properly stored they are available for emergency meals or regular menu planning.

—Not a seasonal food. They are good the year 'round.

Easy Date Pudding

5 cups graham cracker crumbs
½ pound marshmallow
1 cup dates
1 cup nuts
1 cup milk

Ada Arlene Horst
East Earl, RD2

xxx

Peach Marmalade

5 cups sliced peaches
1 small can crushed pineapple
7 cups sugar

Cook together 15 minutes. Add two small or one large box orange or strawberry gelatin. Cook until dissolved. Pour into jars. Seal.

Carol Hursh
Ephrata RD1

xxx

Strawberry Jelly

1 quart fresh strawberries (thoroughly crush fully ripe berries).

Add 2 cups sugar and mix well. Combine ¾ cup water and 1 box sure-jell in saucepan. Bring to a boil and boil 1 minute stirring constantly. Stir into juice. Continue stirring 3 minutes. A few sugar crystals will remain.

Quickly ladle into jars. Cover at once with tight lids. Set at room temperature for 24 hours. Then store in freezer.

Catherine Shirk
RD3, Ephrata

xxx

Bread

One-third cup lard
4 cups lukewarm water
½ cup sugar
1 tablespoon salt
1 package yeast (1 tablespoon)
About 10 cups flour

Mrs. Wilmer Martin
RD1, East Earl

xxx

Corned Beef Dinner

1-6 oz. pkg. macaroni (can use up to 2½ c.)
1-12 oz. can corned beef, chopped
¼ lb. American cheese, cubed
1-11 oz. can cream of chicken soup
1 c. milk
½ c. chopped onion
¾ c. buttered crumbs
2 t. Worchestershire
pepper
couple drops Tabasco

Cook macaroni in boiling, salted water; drain and rinse. Combine remaining ingredients except crumbs and alternate with layers of macaroni in greased 2 qt. casserole. Top with buttered crumbs. Bake at 350 degrees for 1 hour.

Donna Hetzel
Indiana

xxx

Peanut Butter Fingers

1 cup shortening
2 cups brown sugar
Two-thirds cups peanut butter
2 eggs
2 cups flour
½ teaspoon salt
1 teaspoon soda
1 teaspoon vanilla
2 cups quick oatmeal

Mix everything together in order. Spread on large flat pan or cookie sheet. Bake in moderate oven until nice and brown. Cut in bars while warm.

Mrs. David Zimmerman
Lititz

xxx

Ice Cream Roll

1 angel food cake mix
1 quart ice cream (any flavor)

Make cake as directed. Line with two oblong cake pans with waxed paper. Divide dough into pans. Bake at 350 degrees for 20 minutes. Let cool for five minutes. Remove from pans pull off waxed paper and cool again for five minutes. Spoon ice cream on top of cake. Roll as jelly roll and wrap in aluminum foil and freeze for at least six hours.

Mrs. Christ Stoltzfus
Gap

xxx

Poor Nutrition

Dull hair, narrow, rounded shoulders, curved spine, poor posture, low energy poor muscle tone, underweight or overweight —all can be characteristics of poor nutrition Poor eating habits lead to poor nutrition

Fat

There are basically two kinds of fat Saturated fat comes from animal sources such as beef, pork, and lamb Poly-unsaturated fats are found in vegetable oils High amounts of saturated fat in the diet for a long period of time may contribute to heart disease among men

Farm Women Societies

Society 3

Farm Women Society 3 held their meeting and Christmas party for members and their children Saturday, December 21 at the home of Mrs. Robert Gregory, Lititz.

Devotions in words and music were conducted by Jane Gregory, reader, Martha Gregory playing the bassoon and Sally Gregory as soloist.

A report from the Lancaster County Society of Farm Women was given by the president, Mrs. Jesse Balmer.

A committee to plan a handbook for the use of all standing committees which will include all their duties and responsibilities was appointed.

The program was home talent and included instrumental Christmas music by Carol and Connie Balmer, a reading by Mrs. Carl Meck and skit entitled the "Christmas Elves" by Mrs. Kenneth Zimmerman and Cheryl Zimmerman.

Gifts were received by the members. On December 26th members visited the shut-in and ill society members.

Society 12

Farm Women Society 12 met at Shady Maple for their Christmas meeting. The husbands of members were entertained. There were 50 in attendance. Delegates to the Farm Show in January were selected as follows: Ethel Kindig, Mildred Kindig and Dorothy Sangrey.

The special program for the evening was the Messiah Messinger Singers. Gifts were presented to the members.

The next meeting will be held at Willow Valley for luncheon.

Society 14

Society 14 of Farm Women held their annual Christmas banquet at Historic Strasburg this year. After the meal a musical presentation was given by the Pequea Valley Chamber Singers and the Woodwind Ensemble directed by Mr. Peter Jarjisian. Their Christmas music was enjoyed very much. A short business meeting followed, during which the delegates to the state convention were announced. They are Mrs. J. Paul Hostetter and Mrs. Harold Groff who will be accompanying the President, Mrs. John Groff.

Our next activity will be sewing at the Lancaster General Hospital on January 9 from 9:00 a.m. to 2:30 p.m. The next regular meeting will be on January 15 at the home of Mrs. Lavern Mylin. The time will be 9:00 a.m. to 4:00 p.m. during which members will sew cancer dressings. Mrs. Eleanor Barnes, representative from Volunteer Services will be the speaker.

Thought For Food

Glazed Corn Beef

Cover 6 pounds corned beef with water and simmer about 4 hours or until beef is tender Remove from water and drain Put corned beef into a shallow baking pan Brush top of meat with aromatic bitters mixed with mustard Sprinkle with brown sugar Stick cloves into beef Bake in preheated 400 degree F oven for 20 minutes or until beef is glazed and bubbly Serve with boiled potatoes, cabbage wedges whole onions and chunks of carrots

4 WHEEL DRIVE w/PLOWS

A FEW '74 PICKUPS LEFT

PETTICOFFER DODGE, INC.

Route 230 East, Next to Shopping Center
Elizabethtown, Pa

Growing Thru Service
AGWAY
1964-1974

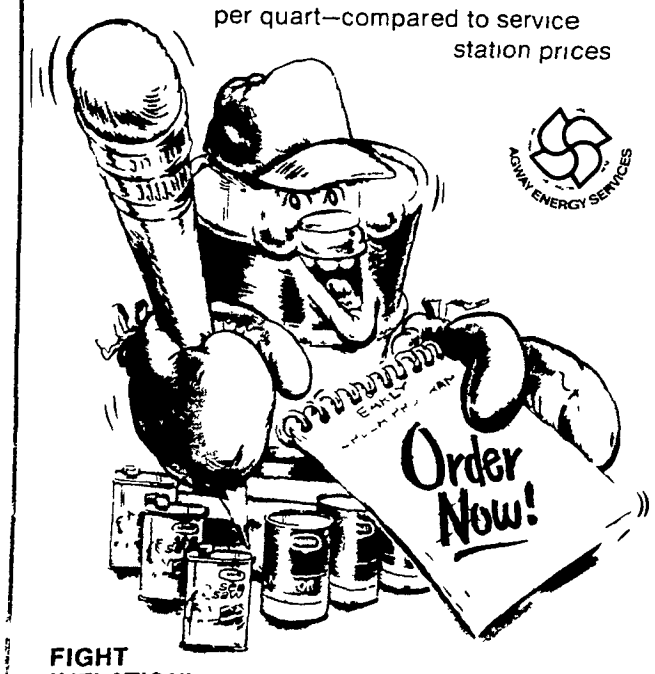
Oil & grease for 1975 at 1974 prices!

Agway Early-Order Program.
Order your oil and grease during December or January and get it at today's going prices Take delivery anytime you want it between now and March 31, 1975

Your early order protects you against any price increase that might occur in the meantime And you pay nothing until delivery

Motor oil? Buy Agway Super Premium Oil in case lots You ll save at least 30 cents per quart—compared to service station prices

AGWAY ENERGY SERVICES



FIGHT INFLATION!

Call or visit today

AGWAY PETROLEUM CORP.

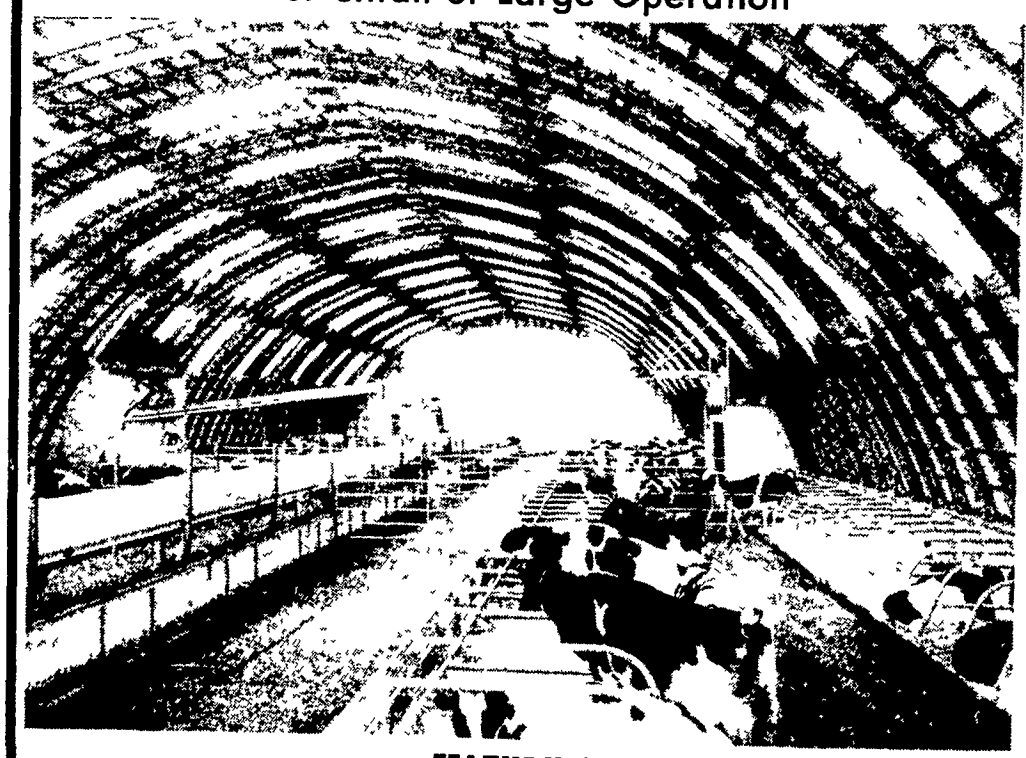
AGWAY

Dillerville Rd., Lancaster Phone 717-397-4954

ATTENTION DAIRYMEN

CUSTOM FREE STALLS MADE TO ORDER

For Small or Large Operation



FEATURING:

- Free stalls any length made to order.
- 2½ in O.D. High Carbon Steel Tubing, rust resistant.
- Designed to give cows greater comfort and save labor and bedding costs:
- Designed to bolt to wood or walls or can set up independent, where wood or walls are not available.
- Stalls provided with bedding boards brackets.

Check on our steel pipe gates, and steel feedlot fencing and barnyard fencing

YOU WILL FIND MERV & MARLIN MARTIN WORKING FOR YOU

MARTIN'S MANUFACTURING CO.

DISTRIBUTOR OF CENTRAL TRACTOR PARTS CO.

R.D.3 Myerstown Phone (717) 933-4151

TAKE RT. 645 - 3 MILES NORTH OF MYERSTOWN
FOLLOW DIRECTIONAL SIGNS

Tree Planting Suggested

The Governor's Advisory Committee on Tree Planting is urging all groups, organizations and local government units who are considering programs for the Nation's Bicentennial to give thought to the many tree planting projects which are possible.

Committee spokesman Samuel S. Cobb, Director of the Bureau of Forestry in the Department of Environmental Resources, said the planting of trees offers lasting benefits to citizens and to communities, benefits which will continue for decades after the actual Bicentennial year.

"Few, indeed, are the communities, be they large cities or rural villages, which do not offer situations where the well-planned planting of trees, individually or on a large scale, cannot enhance the beauty or enrich the life of the residents," Cobb said.

Typical situations that exist in almost any community include:

–Initial planting of shade trees.

–Replacement of lost or dying shade tree

-Landscaping of parks, green belts and other areas of public land not devoted to some intensive recreational use.

–Establishment of green belts along streams and other narrow land strips unusable for other purposes.

–Screening of unattractive areas on the approaches to communities such as mine spoil banks, waste banks, quarries and other eyesores.

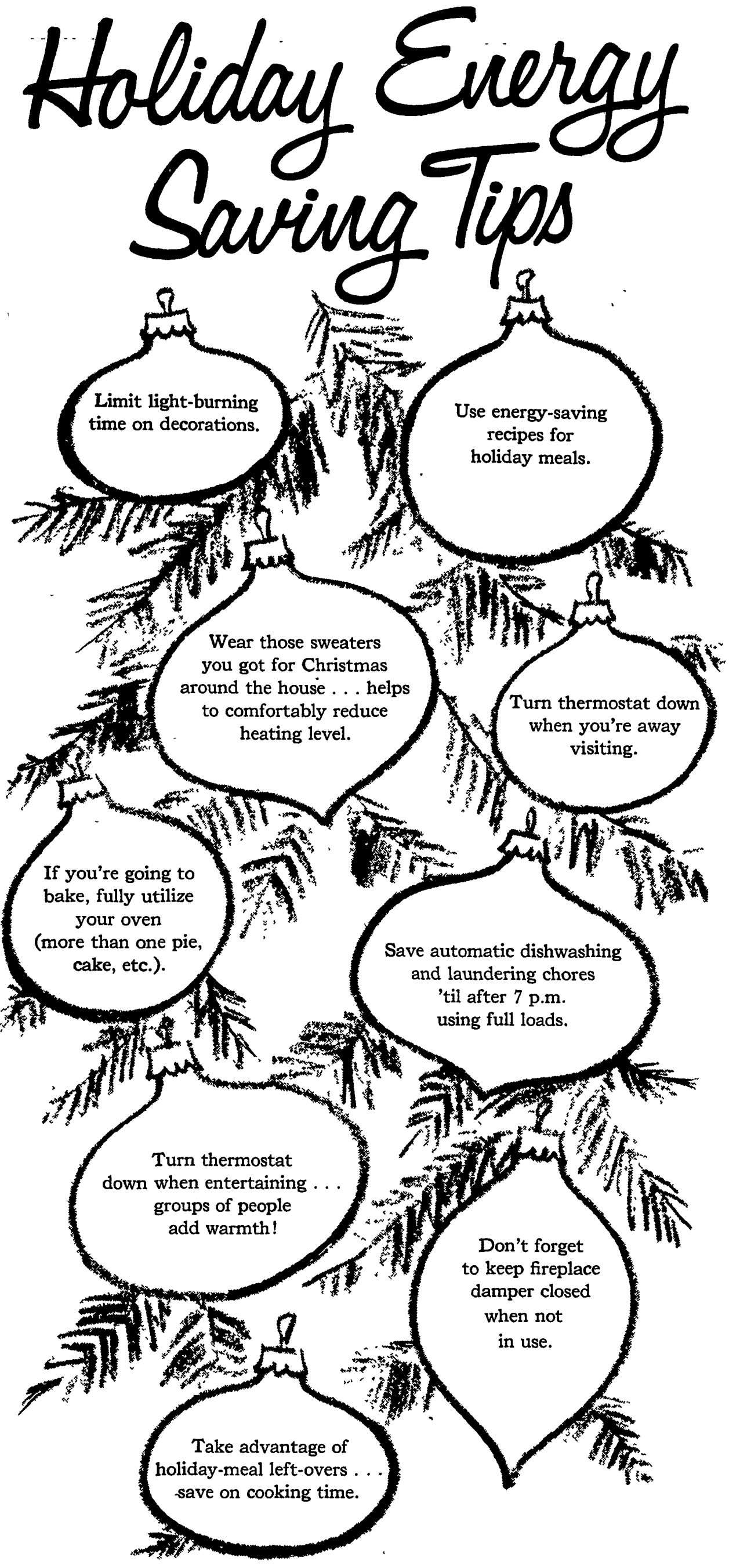
–Establishment of school or two forests for outdoor educational areas in conservation and ecology.

Such projects lend themselves to action by clubs, civic organizations, youth groups, schools and local governments.

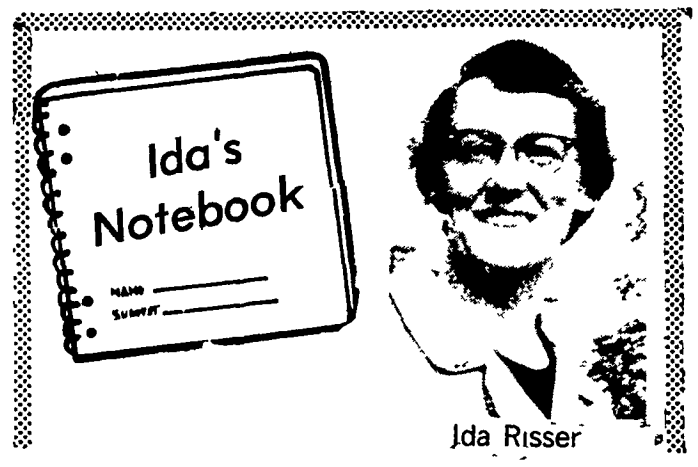
To have such projects underway during the 1976 Bicentennial year, planning should be started now, Cobb said.

There are a number of State and Federal agencies which can, and will, provide technical and professional assistance in formulating such plans as well as advising on sources of tree stock.

For further information, write to the Governor's Advisory Committee on Tree Planting, Department of Environmental Resources, Box 1467, Harrisburg, PA 17120.


Holiday Energy Saving Tips
Limit light-burning time on decorations.
Use energy-saving recipes for holiday meals.
Wear those sweaters you got for Christmas around the house . . . helps to comfortably reduce heating level.
Turn thermostat down when you're away visiting.
If you're going to bake, fully utilize your oven (more than one pie, cake, etc.).
Save automatic dishwashing and laundering chores 'til after 7 p.m. using full loads.
Turn thermostat down when entertaining . . . groups of people add warmth!
Don't forget to keep fireplace damper closed when not in use.
Take advantage of holiday-meal left-overs . . . save on cooking time.

"Electricity is our product . . . conserving energy is our concern" PP&L



Ida Risser

The Christmas celebration is barely finished when we must think of the new year coming. Part of the preparation is gathering the calendars, which different businesses have given us. We always hang three or more on the kitchen walls. Maybe that makes it old-fashioned, as I haven't seen a modern kitchen plastered with calendars in any magazine pictures.

But then again, I'm sure it is old-fashioned. There is a clothes tree in one corner (no closets) and hooks on the chairboard. There is also an ancient and massive kitchen cabinet along one wall. A small wood and coal range are in another corner. A washbowl and hand towel occupy still another nook. When I finally get a modern kitchen, I'll have to live in it a while to make it feel like home.

xxx

Our son Jeffrey, who is a senior at Penn State, studies many difficult courses and still remains on the Dean's List. Included on the list is Biophysics, physiology, genesis and classification, psychology and Pennsylvania German Language Culture. Now that last one sounded interesting to me, so he gave me his text book on the Pennsylvania Dutch to read. It covers the religion, industries, history, arts and folkways of the people. There is really too much information to comprehend but there is one quote from Rudyard Kipling written about one hundred years ago, which I'd like to share.

"It's a kindly, softly country there, back of Philadelphia among the German towns, Lancaster way."

"Little houses and bursting big barns, fat cattle, fat women and all as peaceful as Heaven might be if they farmed there."

Give Credit

There are so many credit cards floating around these days toll collectors are the only guys seeing cash

NOW IS THE TIME TO SAVE DOLLARS

INSTALL A

Furnace Fuel Saver

On Your Present Oil Heating Unit.

Cut the high cost of heating 10 to 30%.

CONTACT

KELMANADA, INC.

RD1, Box 4210, Grantville, Pa.
Phone 717-469-2864
Some Dealerships Available

Berks Executive Board Meets

The Berks County Society of Farm Women executive board met recently with its new president Ann Yanos presiding. The following committee chairman were appointed: Helen Ebling, Berks Heim; Carol Zechman, Hamburg State School; Linda Taylor, Safety; Helen Ebling, County Scrapbook; Joann Ebling and Arlene Hershey, Scrapbook contest.

The annual state convention will be held in Harrisburg January 6 and 7, 1975. Joyce Deiseman, LaVerne Balthaser, Linda Taylor, and Dorothy Barrett will serve as ushers for various sessions. Berks County is responsible for the memorial service January 6. A committee comprised of Dorothy Stricker, Pearl Levangood, and Joyce Deiseman is in charge. The county is also responsible for 30 centerpieces to be used at the banquet. Dorothy Stricker, Betty Wessner, and Gail Malsbury are the committee. Several members throughout the county will model their own long evening dresses in the fashion show. Berks County will be represented by Darlene Yost in the state safety poster contest.

October 4, 1975 was selected for the annual Berks County Convention. The vice presidents of groups No. 2, 5, 7, 8, and 10 are in charge.

The executive board took affirmative action to increase the amount of reimbursement to the County president for certain county and state functions.

The next meeting of the board will be January 13 at the home of Arlen Hershey, RD1, Bethel.

Vitamin D

Vitamin D is known as the "Sunshine Vitamin" It may be obtained either by eating foods containing the vitamin or by exposure to sunlight The actual requirement is difficult to determine The best food source is found in fortified milk

GNC General Nutrition Centers

FIGHT INFLATION SALE

SAVE MONEY ON VITAMINS AND HEALTH FOODS

SHOP THE GNC STORE NEAREST YOU — NOW THRU SATURDAY

PARK CITY - LANC.

YORK MALL - YORK

SAVE MONEY ON VITAMIN E

100 I.U.	200 I.U.	400 I.U.	1000 I.U.
100 - $1.19	100 - $2.29	100 - $3.99	100 - $8.99
Reg. $ 1.95	Reg. $ 4.89	Reg. $ 5.99	Reg. $15.95
Save even more on larger size	Save even more on larger size	Save even more on larger size	Save even more on larger size
500 — $4.75	500 — $ 8 99	500 — $14.25	500 — $33.99
1000 — $8.99	1000 — $17.49	1000 — $27.99	1000 — $64.99

WHAT A WONDERFUL WAY TO LOSE FAT!

THE "MODEL ETTS" WAY HELPS CURB YOUR APPETITE
HELPS YOU LOSE THAT EXTRA WEIGHT
■ NO CALORIE COUNTING! ■ NO EXERCISES!
■ NO SPECIAL DIETS!

Thanks to a group of New York doctors you can now lose pounds of ugly fat without going on any special diet without cutting out any special foods

HELPS REDUCE HUNGRY MOMENTS

These New York doctors discovered a food adjuvant called "MODEL ETTS

'Model-etts does remarkable things It helps you cut down your caloric intake by a natural automatic curbing of the appetite and of the desire for foods resulting automatically in a reduced intake of food

Before Model-etts was offered to you it was tested clinically by the doctors on a large group of non-glandular overweight men and women

The doctors carefully checked results and here is what they found

1 Weight losses of 6 to 20 pounds without any ill effects whatsoever
2 96% of the men and women who used Model etts lost weight

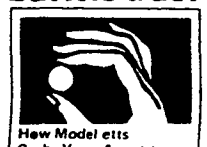
"Model-etts is absolutely safe It is a food adjuvant not a drug

So start today to shed those unwanted pounds and inches If your condition is glandular or organic see your doctor Model-etts" may help you stay on the diet your doctor recommends Ask him about it

You can get a full month s supply of Model etts for $3 00 on money back guarantee In clinical tests Model-etts was 96% successful Model etts may not be 100% successful in all cases but you take no risk in trying Model-etts on our Money Back Guarantee

Come to General Nutrition to get 'MODEL ETTS The sooner you start the sooner you may have the loss of weight you yearn for

Sounds too good to be true, but it is true!



How Model etts Curbs Your Appetite

In the opinion of the supervising physician based on the average of weight losses in the clinical tests his calculations showed that 1 Model etts Wafer has the hunger satisfying capacity of 1 pound boiled potatoes or 4 eggs or 5 slices of white bread yet it contains only 6 calories

No 787
Month's Supply
$3 00
2 Months' Supply
$5 00
3 Months' Supply
$7 50

VITAMIN D	VITAMIN A
400 I.U. Reg. $1.35	10 000 I U REG. 85¢
100 caps. 69¢	100 CAPS 49¢
KELP TABLETS 10 grain	VITAMIN B-12 500 Mcg Tablets
100 — 60¢	100 $1.98
500 — $2.69	250 — $4.90

Valuable GNC Coupon
CLOVER HONEY
5 Lbs. — $4.39
LIMIT ONE

Valuable GNC Coupon
WHOLE GRAIN BREAD
YOUR CHOICE ONE LOAF 25¢ OFF REG. PRICE

WHEAT GERM OIL CAPSULES
150 — 49¢
3 MIN
LIMIT ONE

YOGURT
4 For $1.00
WITH COUPON
LIMIT 4

SAVE MONEY ON VITAMIN C

ONE GRAM C	HALF GRAM C
1000 mg. with Rose Hips	500 mg. with Rose Hips
100 — $ 3.99	100 — $ 1.99
250 — $ 9.45	250 — $ 4.75
500 — $18.50	500 — $ 8.99
1000 — $35.00	1000 — $17.49
300 mg. VITAMIN C with Rose Hips No. 684	120 mg. VITAMIN C Chewable - with Acerola No. 216
100 — $1.29	100 - 99¢
500 — $ 5.99	250 — $1.75
1000 — $10.90	500 — $3.25
	1000 — $6.25

COMPARE & SAVE!

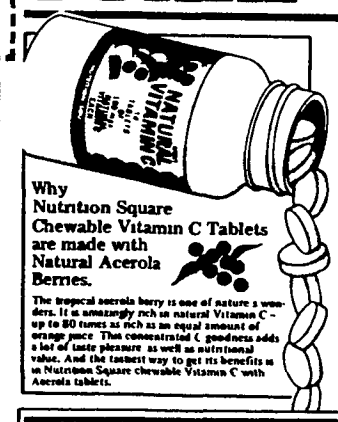
SUPERTRON
Therapeutic MULTI-VITAMINS with MINERALS
100 — $1.98
Compare with Squibb Theragran M.
A $6.99 value.

Therapeutic Multi-Vitamins
100 — $1.88
Compare with Squibb Theragran
A $6.10 value.

B-COMPLEX
50 mg. of 7 factors Vitamin B-complex.
100 — $6.45
Reg. $7.45
Compare with Thompson's Balance B-Complex.
A $7.95 value.

90% HIGH Protein Tablets.
200 — 2/$3.11
Reg. $3.10
400 Reg. $5.20
Now only 2/$5.21
Compare with Hoffman's 90% High Protein Tablets and SAVE!

FREE Fruit-Flavored Chewable, Natural VITAMIN C



Why Nutrition Square Chewable Vitamin C Tablets are made with Natural Acerola Berries.

The tropical acerola berry is one of nature s wonders. It is amazingly rich in natural Vitamin C – up to 80 times as rich as an equal amount of orange juice This concentrated (goodness adds a lot of taste pleasure as well as nutritional value. And the tastiest way to get its benefits is in Nutrition Square chewable Vitamin C with Acerola tablets.

Taste it . . . and enjoy the most delicious and complete Vitamin C nutrition that ever melted in your mouth!

Nutritional science knows that you need Vitamin (every day It affects every single cell in your body Yet your body can t store it But without a sufficient supply of Vitamin (your body can t manufacture a special cement called collagen the cement that holds every single cell in the body together So you can see how important it is to be sure of getting enough Vitamin C

That s where Nutrition Square Natural Vitamin C with Acerola comes in These new chewable Vitamin C tablets have such a wonderfully tangy true-fruit taste people love to chew them like candy Even kids who can t swallow pills will gladly chew their daily Nutrition Square Vitamin (with Acerola They ll look forward to its melt in your mouth goodness so much they ll remind you to give it to them (In fact, they ll probably ask for more but how many you give them is between you and your doctor)

We re so sure that once your family tastes Nutrition Square Natural Vitamin C with Acerola tablets, everyone in your family will insist on them we're offering you this free taste test

Just fill out the coupon and bring it in to any of the General Nutrition Centers listed here and we'll give you your FREE 14-day supply

FREE with any purchase.

Valuable GNC Coupon
BRING TO GNC FOR FREE VITAMIN C (14 DAY SUPPLY)
WITH ANY PURCHASE
GENERAL NUTRITION CENTERS
(Please Print)
Name
Address
City State
Zip
Limited to 1 free offer per family Must be redeemed at the store with purchase Not valid by mail

FREE
14 TABLET SUPPLY OF 100 I.U
CHEWABLE VITAMIN E
WITH ANY PURCHASE AT GNC

TASTE IT . . and enjoy the most complete, most delicious Vitamin E nutrition you've ever been fortunate enough to find! Now for those nutrition-minded people who prefer to chew their vitamins — here is a smooth-textured, non-oily chewable Vitamin E tablet that supplies you with 100 I U of d-alpha tocopherol PLUS the beta*, gamma* and delta* tocopherols in their natural relationship to one another . . . PLUS apple pectin** and lecithin** to emulsify the E naturally, so the nutrients can be dispersed faster and easier, and be more readily available to your digestive system!

*No special dietary claims are made because their presence is without nutritional significance.
**Added only for water dispersibility.

Bring this coupon to any GNC Store listed above to receive FREE 14-tablet supply of 100 I.U. Chewable Vitamin E 1 supply per family. (Valid next 3 days only)

Name
(please print)
Address
City State Zip

WHOLE WHEAT FLOUR 2 LBS	99¢
APPLE JUICE Unfiltered 32 oz Reg 65¢	59¢
DIETETIC COOKIES Reg 69¢ Pkg	49¢
RAW WHEAT GERM 1 LB	49¢
CORN FLAKES Low Sodium 8 oz	54¢
TOASTED SOYBEANS 12 oz Reg 85¢	2/$1.49

VALUABLE GNC COUPON
FREE!
RAW WHEAT GERM
59c VALUE
WITH $5 00 PURCHASE

VALUABLE GNC COUPON
Sugar-free GUM 9¢
2 PACKS
YOUR CHOICE OF FLAVORS

VALUABLE GNC COUPON
GNC GOLDEN HARVEST GNC
100% Natural Cereal
WITH APPLES & RAISINS 13 oz REG 99¢ 79¢
GNC LIMIT ONE GNC

VALUABLE GNC COUPON
GNC GNC
LG. EGGS GRADE A
59¢ DOZ LIMIT ONE
GNC WITH COUPON GNC

VALUABLE GNC COUPON
GNC NATURAL GNC
TOOTHPASTE
WITH BONE MEAL, PAPAIN AND PEPPERMINT 7¼ oz. 89¢
GNC LIMIT ONE GNC

VALUABLE GNC COUPON
GNC GNC
Vitamin E Soap
WITH HERBS 3 oz. 79¢
1000 I.U. VITAMIN E PER BAR
GNC LIMIT ONE GNC

VALUABLE GNC COUPON
GNC GOLDEN HARVEST GNC
SESAME Snacks
Delicious, Nutritious 5 varieties 5 oz. 2/$1.19
GNC LIMIT ONE GNC

VALUABLE GNC COUPON
GNC GNC
Seedless Raisins 2/88¢
THOMPSON VARIETY
8 OZ. BAGS REG. 59¢
GNC LIMIT ONE GNC

ORGANIC LIVING

By

Robert Rodale

Do Fish Make The Best Pets?

The most ecologically-sound house pet may be goldfish. Yes, goldfish.

They live in a confined space, eat very little, provide hours of enjoyment for viewers by just swimming around their tanks and never dirty a sidewalk. On top of it, if you garden, the so-called "dirty water" that comes from the fish tank is rich in plant nutrients and can be used on your houseplants with truly amazing results.

No, I'm not advocating that everyone should get rid of their dogs, cats and birds in favor of tropical fish. But it is time for people to reevaluate their pets to determine whether they constitute a drain on the family resources or make a contribution - like a rancher's sheep dog.

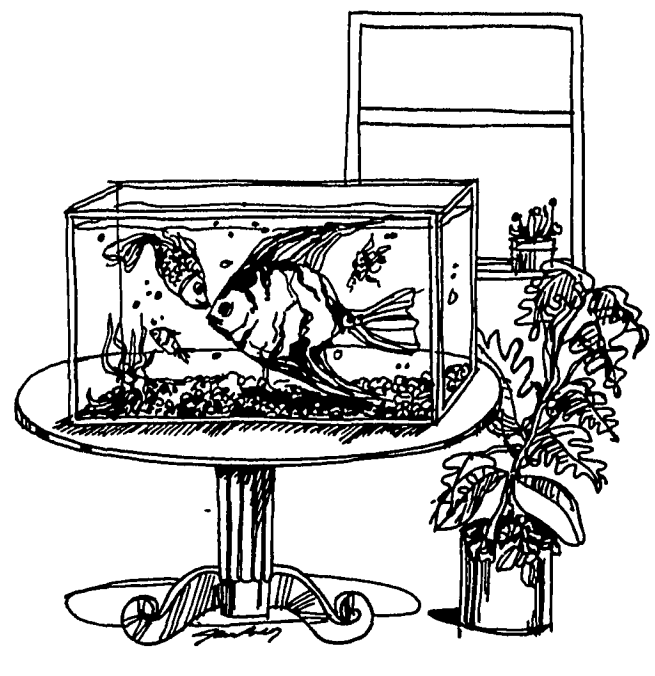
Pets are big business. In 1973, the latest year figures have been compiled, there were 20 million pet birds, 24 million pet cats, and 35 million dogs in this country. Interestingly enough, there were 2.5 billion pet fish, an indication that the old adage about man's best friend being a dog might have to be changed.

Educators admit it is now more difficult to get into veterinary school than into medical school! Graduates can look forward to starting salaries of $20,000 or more. And established veterinarians practicing in affluent suburbs charge fees comparable to those of M.D.'s.

Big business or not, pets - in particular dogs - are becoming a problem. And part of that problem, says Bruce M. Feldmann, of the University of California at Berkeley's pet clinic, are feral dogs - domestic dogs gone wild.

"The cost of capturing and killing these dogs, plus the costs of leash law enforcement, animal shelter services and other related public and private activities come to about $450 million annually," he says. But even then, that's only the tip of the iceberg.

Free-roaming dogs can spread more than 40 diseases, including rabies, roundworms, hookworms, tapeworms, ringworm and even fleas.



More than one million people are bitten every year. Wandering dogs cause auto and bike accidents. They dirty sidewalks, damage property and, in some instances, destroy livestock and wildlife.

Of course, not everyone lets their dog roam. But even then, a dog might be creating a problem by just being part of a household. Consider the amount of food a dog eats. Canned and dry commercial dog food costs money. The bigger the dog, the more it eats.

The needs of a dog - and a family - should be balanced against the role it performs, a large part of which can't be measured in dollars and cents. A dog protects and plays with children. Some pets have a therapeutic effect on emotionally disturbed individuals.

Household pets can be dangerous, though, sometimes even without your being aware of it. Some people are allergic to pets and come down with eye, nose or breathing problems.

A newsletter that goes to pediatricians recently noted a parasite in cats has been linked to mental retardation in children in cases where a pregnant woman came into contact with an infected cat.

And recently, an issue of the British medical journal, "The Lancet," printed a report suggesting a virus carried by infected birds may be responsible for a disease that affects the heart valves of humans. The connection between heart disease and birds was made only after extensive interviews with several hundred patients.

Animals form an integral part of our life. In an effort to become independent of a sometimes tenuous food supply, people are turning to domesticated animals. Ducks, geese, chickens, goats, quail and even rabbits are being raised for food by an ever increasing number of people.

But those are not pets and shouldn't be considered so. For some individuals, feeding and housing such animals falls under "necessity."

Household pets are something else altogether. Maybe it is time to take a close look around your household to determine if that pet is a necessity. Is it environmentally sound to have a dog? Or a cat? Or even tropical fish? Are you endangering your family's health by housing a pet?

Just remember that if properly taken care of and loved, your pet probably presents no hazard at all.

(Editor's Note: The opinions appearing in "Organic Living" are those of its author, Robert Rodale, an independent columnist. Rodale's comments do not necessarily reflect the thinking of the Lancaster Farming editor or anyone else on the Lancaster Farming Staff.)

Annual Tobacco Show Set Jan. 2nd

The Annual Lancaster County Tobacco Show will be held on Thursday afternoon, January 2nd at the Farm and Home Center in the Extension basement meeting rooms.

On the schedule for the show will be from 10:00 a.m. to 11:30 a.m. FFA entries due; 12:00 - 1:30 p.m. Adult entries due and at 1:30 p.m. the judging will begin.

The classes that are being offered for the show will be the same as for the State Farm Show. Class 1 - Wrapper B's — Division A: Long Wrappers over 26 inches; Division B Short wrappers 26 inches or under.

Class 2 Filler B's — Division A - Long fillers over 26 inches; Division B short fillers 26 inches and under.

Class 3 - Binder type: Division A long vingers over 26 inches and Division B short binders 26 inches and under.

Class 6 FFA wrappers.

Class 7 FFA fillers.

A hand of tobacco shall consist of 15 leaves tied with another tobacco leaf; select leaves that are uniform in size color texture and free from insect disease or mechanical damage.

All exhibits entered in the county show will be taken to the farm show unless the exhibitor requests otherwise.

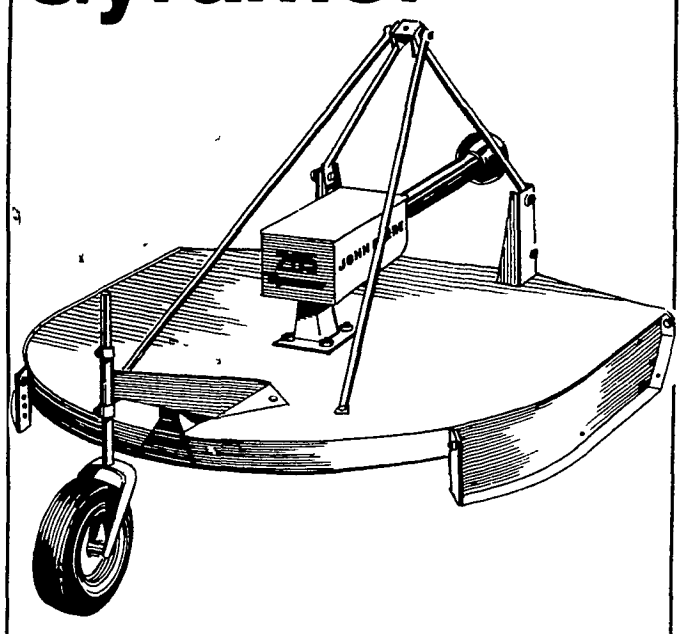
New Year's Day

In early medieval times most of Christian Europe regarded March 25 as the beginning of the year Thus it coincided with the spring equinox William the Conqueror eventually decreed that the year start on January 1

New Year's Fire

New Year's celebrations vary throughout the world Some North African Muslims light fires to leap over and thereby purify themselves from evil Other Africans extinguish all their fires in order to ignite fresh ones on New Year's Day

205 "Special" Gyramor®



John Deere quality for the price of an ordinary rotary cutter

Economy priced, you bet! But not at the expense of sacrificed quality. The 3-point-hitch-mounted 205 "Special" comes with an adjustable disk-type slip clutch, hardened and reversible blades, and a fully-shielded powershaft that runs on long-wearing needle bearings It also has a malleable gearbox with precision-cut, case-hardened gears running in oil Come on in now and check out the low price of a 5-foot-cut 205 "Special"

ADAMSTOWN EQUIPMENT INC.
Mohnton, RD2, Pa. 19540
[near Adamstown]
Phone [215] 484-4391

JOHN DEERE

A. B. C. GROFF, INC. New Holland 354-4191

LANDIS BROS. INC. Lancaster 393-3906

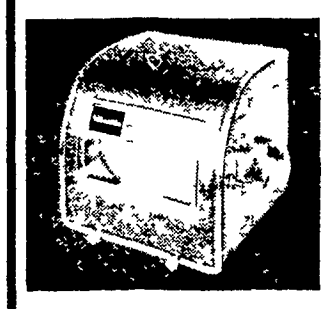
M. S. YEARSLEY & SONS
West Chester 696-2990

AGWAY

"I DON'T WORRY ABOUT DRY WINTER AIR."

we have a Skuttle drumatic POWER HUMIDIFIER in our home"

Your family can enjoy the luxury of refreshing humidified air when you have a Skuttle drumatic humidifier installed in your home And as you relax in a more comfortable atmosphere, humidified air helps protect your furniture and saves on fuel



Model 45-S Stainless Steel Power Humidifier

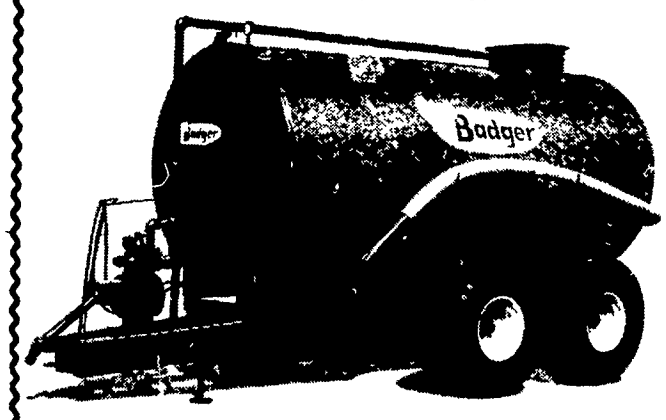
The Drumatic Humidifier gives you these advantages PLUS the highest moisture output at the lowest operating cost — LESS THAN ½¢ PER DAY! The stainless steel Skuttle Drumatic Humidifier is a complete package It even includes a humidistat that can be placed anywhere in the home Lets you control the proper indoor humidity with a touch of your finger

Eliminate dry winter air in your home call us today

AGWAY PETROLEUM CORP.
DILLERVILLE ROAD LANCASTER, PA.
PHONE 717-397-4954

Dutch School Natural Foods
LARGEST SELECTION OF
NATURAL FOODS AND VITAMINS
IN CENTRAL PENNA.
RT. 222, AKRON, PENNA.
PH. 859-2339

SPECIAL OF THE WEEK
2000 GAL. CLAY LIQUID MANURE TANK
MOUNTED ON TRUCK



One Tank Does It All

Pumps, Spreads, Injects

The Badger Vacuum Spreader Tank is both pump and spreader in one convenient, low cost unit Designed for slurry manure, Badger tanks come in 1 000, 1 500 and 2 300 gallon models Rugged PTO driven pump forms a vacuum for filling or pressure for spreading Tanks fill in 3 to 5 minutes—empty in 5 to 6 minutes in the field Choose from adjustable spreader plate or manure injector Heavy duty construction, including full length tank support skids makes Badger the most dependable vacuum spreader you can buy See your nearest Badger dealer

Badger FARMING IS BETTER WITH BADGER

CARL L. SHIRK
RD5, LEBANON, PA.
COLEBROOK RD. PHONE 274-1436

World Milk Output Up in '74

By Foreign
Commodity Analysis

USDA

World Supplies of cow's milk - recovering after a growth pause in 1973 - are rising to more-than-adequate levels in 1974, signaling an oversupply of dairy products in some areas and increasing pressure to export.

Global milk output is slated to rise about 2 percent this year to total some 772 billion pounds, owing largely to two key situations: A recovery of New Zealands' production and exports, and a continuing expansion of milk output in the European Community. At the same time, a turnaround in the U.S. dairy situation from deficit to surplus has limited U.S. imports of dairy products this year.

In New Zealand, which accounts for about a third of total world dairy exports, milk production could rise by as much as 10 percent this year to 1.3 billion pounds. Australia, however, is still suffering the aftereffects of flood and drought that shortened Oceania's supplies last season, so that milk outturn could dip by 3 percent. Further, a rationalization scheme eliminating Government subsidies to dairy producers is restricting output.

The larger supplies in Oceania - world's most consistent exporter of manufactured dairy products - will increase pressures on importing countries, including the United States, to accept more dairy products.

The European Community - historically surplus in dairy products - continued to increase milk outpout during 1974, possibly to a total of 218 billion pounds, compared with 212 billion in 1973. Although dry weather reduced output in both the United Kingdom and Ireland, a rise of 4 percent is likely in Belgium and France, 2 percent in West Germany, and 7 percent in the Netherlands. (See Foreign Agriculture, Nov. 11, 1974.)

Milk cow numbers are also building in the EC, except in the United Kingdom, as farmers delay culling herds in hopes that prices for slaughter cattle will strengthen. A 5 percent increase in the average EC milk support price was agreed upon in October, increasing returns from dairy farming.

The new price supports range from $9.50 per hundred pounds of milk delivered to plants in West Germany to $7.22 in the United Kingdom and Ireland, averaging $8.10 throughout the EC. At the start of the 1974-75 marketing year last April, EC milk support prices averaged $7.34 per hundred pounds, up from a previous $6.74.

As a result, EC intervention stocks of manufactured dairy products are accumulating, although EC officials report they have not yet reached unwieldy levels. As of September 1974, EC dairy product stocks were (in 1,000 metric tons, previous year in parentheses): Butter 341 (421), cheese 237 (232), and nonfat dry milk 250 (168).

In the United States, the tight supply situation for dairy products - which resulted in sharply higher imports in 1973 and early 1974 - has reversed itself. In recent months, the Commodity Credit Corporation has again been buying domestically produced dairy products under the price support program. Storage stocks increased sharply last spring and summer and are well above year-earlier levels.

This situation is a result of the combined effects of a gain in milk yields and a falloff in consumption. U.S. milk production during July, August, and September 1974 moved ahead of the same months a year earlier for the first time since September 1972. Increased yields per cow more than offset the 2 percent decline in U.S. cow numbers. Despite an expected yearend downturn in milk output triggered by rocketing feed prices, U.S. milk production is likely to be only .1 percent below 1973's 115.6 billion pounds.

U.S. consumption of fluid milk products in January-July 1974, however, skidded almost 5 percent below last year's primarily due to higher prices and falling real incomes of consumers.

The continuing growth of world milk supplies in 1975 will depend heavily on the effect of weather conditions on pastures and feed crops, as well as prevailing meat and cattle prices. Since prices of milk and other dairy products are artificially maintained in most countries to protect farmer incomes, market conditions are secondary to government policy in their effect on milk prices.

With inflation expected to continue in 1975, further prices rises are likely, so that the historical upward trend in world milk production of between 1-2 percent annually is likely to continue, provided that weather is generally good.

Last year, the growth trend in world milk output was temporarily interrupted, as unfavorable weather reduced pasture and feed crop outturns in many developed countries. As a result, milk yields per cow declined for the first time in many years. Herd buildups continued, however, with dairy cow numbers in reporting countries increasing by about 1.5 percent over the previous year's level. The result of these opposing forces was a gain in milk prodution of nearly 1.5 percent, compared with nearly 2.5 percent in 1972.

The rise in dairy cow numbers that occurred last year promises to continue, keeping milk supplies at a high level. In the Soviet Union and Europe, dairy cow numbers at the beginning of 1974 were over 2 percent higher than those of the previous year. The growth in cow numbers was partiularly rapid in Poland and the European Community - notably Ireland, the Netherlands, and France.

The depressing effect of higher feed-grain prices on milk production has principally affected producers in the United States, Canada, and, to some extent, the United Kingdom. In most other countries, including most of Europe, the amounts of grain concentrates fed are small, while virtually none - are fed in New Zealand and Australia. These countries depend more on roughage, such as pasture (mostly grass), hay, and silage, for dairy cattle feeding.

The recent falloff in cattle prices is stimulating milk production, in the short term at least, since profits are down from marketing culled cows. In the longer run, lower beef prices, combined with high prices of feed and fertilizer, may encourage calf slaughter - bolstering output of veal, but reducing the numbers of mature dual-purpose cows for meat and milk.

Seasonal increases in the world prices of most dairy products were beginning to be felt in late 1974. This reflected normal production declines on Northern Hemisphere farms and sales of manufactured dairy products from ample stocks. On an annual basis, cheese consumption is continuing to grow, following trends of the past several years. Also, butter consumption, which has been on the downtrend, may recover temporarily as higher prices of vegetable oils make butter more competitive with margarine.

Support prices for milk and products climbed in most countries during 1974 and are likely to rise even further next year, reflecting the desire to maintain farm incomes and production in the face of continuing inflation.

In the United States, price support for manufacturing grade milk is $6.57 per hundred pounds for the marketing year that began on April 1, 1974, up from $5.61. On August 1, the Canadian support price for manufacturing grade, plus earned subsidies was boosted to C$9.41 from C$8.50.

Canada estimates that milk production this year will edge up by almost 1 percent from the 16.9 billion pounds of 1973. This level of output assures plentiful supplies of nonfat dry milk for export and for contribution to the World Food Program.

Mexico - North America's third largest milk producer - expects to boost production by about 1 percent in 1974 to 12.5 billion pounds.

In South America, most reporting countries show little change in milk output from last year, with the exception of Argentina, where milk production could climb 9 percent from almost 6 billion pounds last year.

In West European countries outside of the Community, few changes in output are reported, with a decline in milk production in Sweden about offset by an increase in Greece.

As a group, the East European countries and the Soviet Union are expected to produce about 285 billion pounds of milk in 1974 - almost 3 percent more than last year, when output advanced 4 percent over 1972's. In the Soviet Union, milk production is slated to rise 4 percent over last year's to 200 billion pounds, following a 5 percent increase the preceding year. Soviet milk output is now approaching the EC level, and considerably exceeds U.S. milk output.

In Japan, a previous uptrend in milk production leveled off in 1973, and output is expected to decline in 1974. Falling cow numbers and the rise in feed prices make a recovery unlikely.

Constitution

New Hampshire became the ninth state to ratify the new Constitution of the United States on June 21, 1788 Legislators voted 57 to 47 in favor of the pact which became the basis for a new and stronger federal government

Iran

The Iranian government passed a law in March of 1951 which has significantly altered the course of that nation's history They nationalized their oil industry, thus confiscating vast British holdings in Iran Iran's oil fields had been leased and tapped by British corporations since 1910

COMPLETE
FARM PAINTING
SPRAY-ON AND BRUSH-IN METHODS
For FREE Estimates Write
DANIEL S. ESH
(C. RALPH MILLER)
BOX 351, RD1,
RONKS, PA 17572

TO OUR MANY FARM FRIENDS

A HAPPY NEW YEAR

We've already made our New Year's resolution!

Our success in 1974 certainly was not achieved by us alone. Your friendship, continuing patronage and trust were certainly important factors. Because this year has been such a difficult and yet rewarding period . . . we're looking forward to the New Year with new confidence!

We've resolved to make every attempt to serve you even better next year. So in the New Year, as always, you can expect the good service and quality you've come to depend on us for!

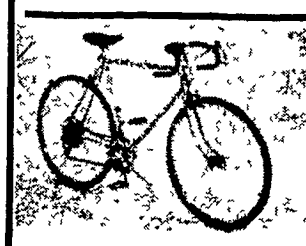
Here's our way of saying to each of you, have a wonderful day, and Happy New Year!

KEEP US IN MIND FOR ALL YOUR NEEDS DURING 1975.

ROY A. BRUBAKER
700 Woodcrest Ave.
Lititz, Pa. 17543
Ph: 717-626-7766

YEAR-END SALE CLEARANCE
ERTL FARM TOYS

Come In and See Our Display



BOYS' 10-SPEED BICYCLES
In Stock Many Colors
$75.00

PEDAL TRACTOR WITH TRAILER
John Deere — Ford

COLD WEATHER MEANS HARD STARTING.
GET YOUR
STARTING FLUID
Now While the Supply Lasts.
SOLD IN CANS OR CASE LOTS.

STOP IN OR CALL LARRY - PARTS DEPT.
WENGER'S FARM MACHINERY
South Race St.
Myerstown Pa. Ph 717-866-2138

Small Grain Production Increased

Farmers in Pennsylvania produced more of each major small grain in 1974 than they did in 1973 according to the Crop Reporting Service. High yields and more acres harvested both contributed to the increases.

Winter wheat production totaled 12.6 million bushels in 1974, a 70 percent increase from last year. Yield averaged 36 bushels per acre, compared with 28 the preceding year. Acreaged harvested was 350,000 - up from 264,000 last year. Estimates of acreage planted to wheat this fall for harvest in 1975 will be released by the Crop Reporting Board December 23.

Barley production totaled 8,690,000 bushels, up 27 percent from last year. The crop was obtained from 158,000 acres yeilding 55 bushels average. Last year 155,000 acres were harvested and yield averaged 44 bushels per acre.

Oats production totaled 20,145,000 bushels this year, up 14 percent from last year. The harvest was obtained from 395,000 acres. Yield averaged 51 bushels per acre. Last year 375,000 acres were harvested yield averaged 47 bushels.

The rye crop totaled 512,000 bushels this year, up 26 percent from a year ago. Acreage harvested for grain was 16,000 and yield averaged 32 bushels per acre. Last year 15,000 acres were harvested and yield averaged 27 bushels.

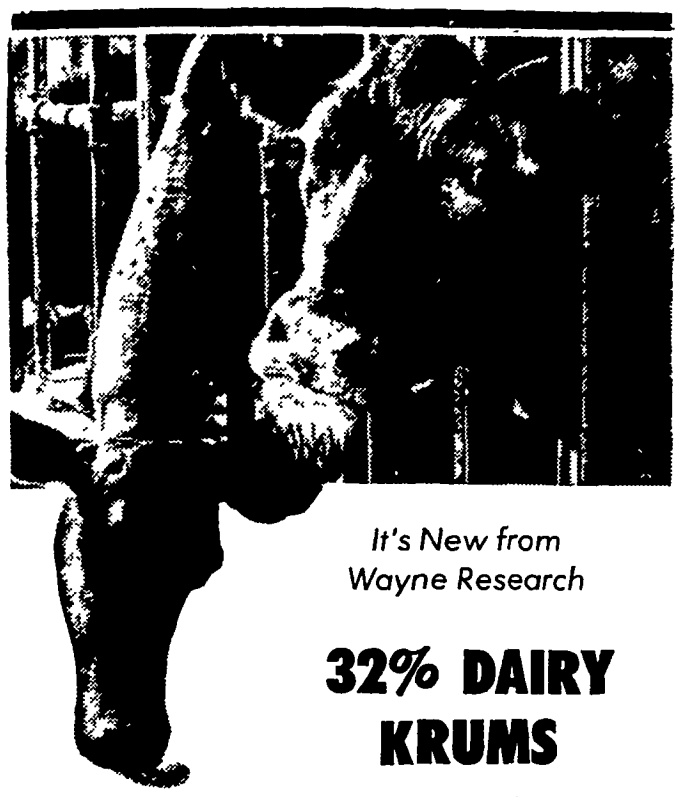
United States production of all wheat in 1974 totaled a record high 1,793 million bushels, 5 percent above the previous high of 1,705 million bushels in 1973 and 16 percent above the 1972 output. The 1974 winter wheat crop totaled a record high 1,391 million bushels, 9 percent aboce 1973 and 17 percent above 1972 as a result of a sharp increase in acres. Yield per acre averaged only 29.5 bushels, mainly as a result of dry weather in the Great Plains. This compares with 33.1 bushels in 1973, 34.0 in 1972, and the record high of 35.4 in 1971.

The 1974 U.S. production of barley totaled 308 million bushels, 27 percent below the 1973 and 1972 crops of 422 million and 423 million bushels respectively. This reduction in the 1974 crop was influenced by a sizeable decrease in acreage harvested and lower yield in most major producing states.

U.S. oat production is estimated at 621 million bushels, 7 percent less than the 667 million bushel output from the 1973 crop. Acres harvested for grain was down 5 percent to 13.3 million acres from the 1973 acreage of 14.1 million acres. Yield per harvested acre averaged 46.6 bushels compared with 47.4 bushels last year.

The 1974 rye crop totaled 19.3 million bushels, 27 percent below the 1973 production and 34 percent below the 1972 crop as a result of lower acreage and yield. Rye was harvested from 897,000 acres, 13 percent less than a year earlier and the smallest of record. Yield per acre, at 21.5 bushels, was 3.9 bushels below the 1973 average and the lowest average yield since 1964 when the average was 19.1 bushels per harvested acre.

Alpha Zeta scholarship plaques were awarded recently at Penn State to Eileen J. Burke of Butler, center, and Wayne E. Kreider of Quarryville, right. Miss Burke and Mr. Kreider are both majoring in animal science. At left is William R. Riden of McClure, chancellor of the Penn State chapter of Alpha Zeta. Scholarships and awards totaling nearly $37,000 are shared for 1974-75 by 118 students in the College of Agriculture.



It's New from Wayne Research

32% DAIRY KRUMS

plus your grain for Top Dairy Nutrition

Whatever your dairy feeding program, you can use new Wayne 32% Dairy Krums to good advantage. Just balance this blend of high quality proteins, vitamins and minerals with the nutrients in your own farm grains. Select the protein level that is right for the roughage used. Each cow will produce milk at her full bred-in milking power. And, the texture of ground and mixed rations is improved. Ask us for details.

To Help Your Dairy Herd

STAY **OUT IN FRONT**

WAYNE FEEDS — WAYNE ANIMAL HEALTH AIDS

USE WAYNE ANIMAL HEALTH AIDS TO KEEP YOUR LIVESTOCK AND POULTRY HEALTHY

WHITE OAK MILL, R D 4, Manheim
ROHRER'S MILL, R D.1, Ronks
POWL'S FEED SERVICE, R D 2, Peach Bottom
CHARLES E. SAUDER & SONS, R D 1, East Earl
JE'MAR FARM SUPPLY INC., Lawn — Ph 964-3444
J. C. WALKER CO., Gap Pa
HERSHEY BROS., Reinholds
DUTCHMAN FEED MILLS, INC., R D 1, Stevens
PARADISE SUPPLY, Paradise
STEVENS FEED MILL INC., Stevens, Pa
H. M. STAUFFER & SONS, INC., Witmer
MOUNTVILLE FEED SERVICE, R D 2, Columbia
HAROLD H. GOOD, Terre Hill
BRANDT'S MILL SADDLERY SHOP, 830 Maple St, Lebanon, Pa 17042
VAN-MAR FEEDS INC., Leesport, Pa

FISHER SPRAY PAINTERS

(Henry K. Fisher)

SANDBLASTING and SPRAY PAINTING

INTERIOR and EXTERIOR
Aerial Ladder Equipment

Office & Shop - 667 Hartman Station Rd.
Residence - 2322 Old Philadelphia Pike
Lancaster, Penna.

For FREE Estimates Call 717-393-6530

case

GARDEN — FARM — INDUSTRIAL
EQUIPMENT — PARTS — SERVICE

BINKLEY & HURST BROS.
PHONE (717) 626-4705
RD4, LITITZ, PA. 17543

We at Binkley & Hurst Bros.
Wish to Thank All of You
For Your Business in the
Past Year and are Looking
Forward to Serving You
in the Coming Year.

DAVID BINKLEY
AMOS HURST
LEONARD HURST

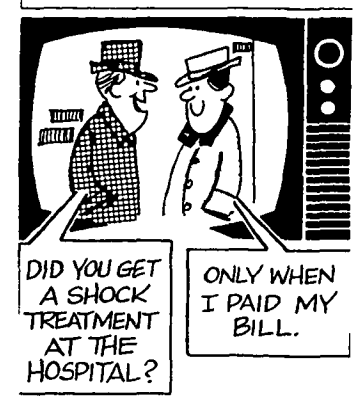
BINKLEY & HURST BROS.

ASPHALT PAVING — EXCAVATING
GRADING
INSTALLATION OF SEPTIC TANKS AND DRAINFIELDS

FOR FREE ESTIMATES CALL 626-4705

Lititz RD4
Rothsville Station Road

TURN ONS

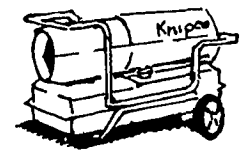


MEMO
HAY, STRAW and EAR CORN SALE
EVERY MONDAY
AT 11 A.M.
New Holland Sales Stables, Inc.
Phone 717-354-4341
Lloyd H. Kreider, Auct.

"How about your wife"

Maybe you can stand those cold, bitter mornings that turn buildings into refrigerators . but how about your wife? Give her a break and yourself too Rent or buy a powerful, reliable Knipco portable heater A heater that gives instant, steady, warm heat Warms buildings, livestock, equipment and hearts too

Why it's "like bringing the SUN inside"



Ask about our biggest seller the F150D

BRANDT'S FARM SUPPLY

601 E. High St
Elizabethtown, Pa. 17022

Fast parts and service!

LANCASTER SILO CO., INC.

2436 CREEK HILL ROAD
2008 HORSE SHOE ROAD
LANCASTER, PA. 17601

FOR THE BEST DOLLAR VALUE IN SILAGE STORAGE

LANCASTER SILO'S

"LOCK-RIB" - CORRUGATED
WET CAST - VIBRATED
CONCRETE STAVE SILO

EARLY ORDER DISCOUNTS ON 1974 PRICES
Call One Of Your Local Silo Representatives

LANCASTER COUNTY:
C. B. HOOBER & SON, Intercourse, Pa (768-8231)
COPE & WEAVER CO., New Providence, Pa (786-7351)
GLENN E. HURST, East Earl, Pa (215-445 6865)

CHESTER COUNTY:
NEVIN MYER & SON, Chester Springs, Pa (215 827-7481)
ZOOK'S FARM STORE, Honey Brook Pa (215 273-9730)

LEBANON COUNTY:
HOWARD B. WEISS, Myerstown Pa (949-3152)
LARRY HIESTAND, Lebanon Pa (273-7394)

BERKS COUNTY:
EUGENE HELLER, Robesonia Pa (215-693 3207)
EARL EBLING, Bethel Pa (934 2690)

DAUPHIN COUNTY:
LEO LANDIS, Millersburg Pa (692 4647)

YORK COUNTY:
KENNETH L SPAHR, Thomasville Pa (225 1064)
FISHER BROS, Red Lion Pa

MARYLAND:
KENNETH ENGLAND, Rising Sun Md (301 658 4629)
ENFIELD EQUIP , INC., Whitford Md (301-452 5252)
W. ROGER ROOP, Union Bridge Md (301-775 7356)

Farm Bureau Policy Recommendations Set For Annual Meeting

The policy resolutions committee of the American Farm Bureau Federation completing a four-day meeting last week in Park Ridge, Illinois, called for a free access to world markets as the best means of increasing production to meet domestic and overseas food needs.

The policy recommendations will be presented to the voting delegates of the member State Farm Bureaus at the AFBF's 56th annual meeting, January 5-9, in New Orleans. The recommendations will become 1975 official policy of Farm Bureau on national issues when adopted at the convention.

The Federation is the largest general farm organization in the United States with 2,393,731 member families in 49 states and Puerto Rico as of December 1, 1974. There is no Farm Bureau organization in Alaska.

The recommendation on food needs stated:

"If farmers are to compete on the world market for production equipment and supplies, especially chemicals, fertilizers and machinery, then they must be allowed free access to world markets and world market prices without fear of embargoes or strict licensing of exports so as to cripple the free trade concept.

"We urge farmers to curtail production of any farm commodity to the amount necessary for domestic consumption in the absence of free access to the world market for that commodity.

"It is, therefore, imperative that the President and-or appropriate government officials give concrete assurance prior to planting time that embargoes will not be applied during the ensuing year."

To meet emergency food needs throughout the world, the policy recommendations called for the establishment of an International Monetary Food Fund. Such a fund should be supported by all nations of the world. To meet disaster needs, funds could be withdrawn from the fund to purchase needed food from any nation where it is available.

Vigorous opposition was voiced to U.S. participation in any internationally controlled food reserves.

In another policy recommendation, proposals to conduct American foreign aid programs through the United Nations were rejected.

The policy recommendations noted that the growing demand for food in underdeveloped regions of the world has resulted in suggestions that Americans consume less meat and more grain in their diets.

Advocates of this diet-shift, the policy stated, believe that it would provide more food for the rest of the world because reminant animals are inefficient in converting grain into meat.

"We do not agree with this viewpoint," the policy recommendation stated.

"Millions of acres of land in America are suited only to the production of forage crops because of climate, slope, and other factors which limit cultivation.

"Coarse, low quality forage which grows on this untillable land can be consumed by ruminant animals and converted into protein-rich meat. Such forage cannot be used directly in the human diet. Without livestock, this large land area would be lost to food production, which would be inconsistent with demands for increased food production.

"Only one-third of the total poundage of meat comes from grain. The remaining two-thirds is produced from forage crops. We believe that increased food supplies can best be accomplished by assuring producers access to world markets and freedom to produce without government interference."

Recommendations on foreign aid asked:

That emergency food relief needs be given the highest priority;

That development assistance programs can be of major importance in improving the economies of underdeveloped countries;

That it is the long term best interest of the developed nations to assist the developing countries to produce agricultural commodities through the use of technical and management know-how.

On the Food for Peace program (PL 480), which Farm Bureau first developed 20 years ago, the policy recommendations called for its continuation but insisted that the program be used judiciously and that the provisions of the Act be strictly enforced to avoid interference with commercial sales.

On government farm programs, the policy recommendations said the target price concept of the 1973 Farm Act, which includes the government compensatory payment approach in disguise, is unsound at any level.

"Farm programs should be designed and administered to enhance market opportunities, to the end that in the future farmers will not be dependent on government payments and will earn higher income in the market place," the recommendation stated.

It also was recommended that to assure private control of wheat and feed grain supplies, the Commodity Credit Corporation should offer only recourse loans with the interest rate based on the cost of money to the government.

Non-recourse loans now offered to grain producers permit farmers to deliver farm commodities, placed in government storage as collateral on a government loan, to be delivered to the government in payment of the loan. This is usually done when the market price is below the price support loan rate.

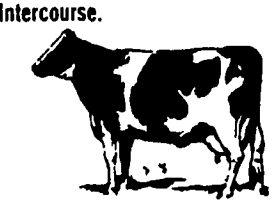
Recommendations on other farm commodity programs were as follows:

DAIRY — Continuation of the provision of existing law which requires that manufacturing milk (cheese, ice cream, etc.) shall be supported at not less than 80 percent of parity. Support authority for continuation of the Class I Base Plans now in effect under

[Continued on Page 37]

SPECIAL HOLIDAY SALE
MONDAY, DEC. 30, 1974
7:30 P.M.
At the Gordon W. Fritz Farm, Smoketown, Pa. Rt. 340, 5 miles East of Lancaster, 5 miles West of Intercourse.

50 HEAD OF TOP QUALITY DAIRY COWS



and First Calf Heifers from Vermont, Conn. and New Hampshire, mostly just fresh or very close springers.
Few good top Purebred cows. These cows are milking 60 to 80 lbs. Hand picked cows out of individual herds.
This is a top group of cows with size and style. One good Purebred Holstein stock bull ready for service with records on the Dams side.
T.B. and Blood Tested.

Sale by:
GORDON W. FRITZ
717-393-0930
Auct: Frank & Paul Snyder

MERRY CHRISTMAS
and A HAPPY NEW YEAR

FREE SAMPLE COPIES

Copies of LANCASTER FARMING are not always easy to find — they are not sold on newsstands — and perhaps some of your friends may not be acquainted with our weekly newspaper.
We'll be glad to send, without charge, several copies of LANCASTER FARMING to your friends or business associates. Just write their names and addresses below — (you'll be doing both them and us a favor!)

To _____ Street Address & R.D. _____ City, State and Zip Code _____

To _____ Street Address & R.D. _____ City, State and Zip Code _____

(You are not limited to two names.
Use separate sheet for additional names.)

SEND A GIFT SUBSCRIPTION TO:
Name _____
Address _____
City _____
☐ Enclosed is $2 for 1 yr. [52 issues] gift subscription.
☐ Enclosed is $3 for 2 yr. [104 issues] gift subscription.
☐ Send a gift card with my name on it to the above. Sign the card: _____

I WANT TO SUBSCRIBE.
Name _____
Address _____
City _____
☐ Enclosed is $2 for 1 yr. [52 issues]
☐ Enclosed is $3 for 2 yrs. [104 issues]
I first saw Lancaster Farming:
☐ In a friend's home
☐ In a Agribusiness office
☐ In a County Agent or other government office
☐ Other
[Where]

PLEASE MAIL THIS FORM TO:
LANCASTER FARMING
P.O. BOX 266. LITITZ, PA. 17543

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-4861

LLOYD H. KREIDER
AUCTIONEER
and
SALES MANAGER
R.D.#1
New Providence, Pa.
Phone. 786-3394

PUBLIC SALE
OF VALUABLE
HOLSTEIN DAIRY CATTLE
& FARM MACHINERY

SATURDAY, JAN. 11, 1975
11:00 A.M.

Located in the 6th District of Balt. Co., Md., approx. 2 miles west of New Freedom, Pa. on the corner of Keeney Mill Rd. & Oakland Rd. Take the road past Summers Canning Co. & proceed to Oakland Rd., turn right & follow signs to sale or take Keeney Mill Rd. off the Middletown Rd. & proceed to sale.

62 Head Holstein Dairy Cattle 62 Head

Aprox 40 head of cows & springing hfrs., many of which are in full flow of milk or fresh by sale time. These cattle have been raised on this farm & are from Curtiss breeding, having good size & very fine udders. Don't miss this sale for good herd replacements Cattle will be tested prior to sale & be eligible for interstate shipment 22 head of Holstein steers & hfrs ranging from 6 mo. to 1 yr. old all raised from this herd Cattle sale to begin approx. 12:30.

Farm Machinery

A C. model 180 tractor, fully equipped with wide front end & approx. 1800 hrs ; A.C 4 bottom 16 in. semi-mount trip bottom plow, A.C. 14 ft. transport disc harrow; A.C. 4 row no-till corn planter with insecticide boxes used 3 seasons; J.D. #336 pickup baler with bale thrower & flotation tires, like new used 1 season; New Idea 7 ft. cutditioner used 1 season; New Idea PTO manure spreader; Brillion 16 ft. transport spring tooth harrow, Massey Ferguson flail chopper, McCurry gravity bin on Grove wagon; another McCurry gravity bin on wagon; fiber glass 200 gal spayer tank; portable pump with 3 HP Briggs & Stratton engine; 3½ gal. Paroquat spray material; and other misc items not mentioned

Auct Note: There are very few small items to be offered at this sale so please be present at the beginning of sale Most of the equipment used only one or two seasons & in fine condition

Terms Cash or approved check

Walter Schnetzka and Earl Zimmerman, owners
Freeland, Md.

Robert L. Sechrist, auctioneer Ph. 382-4379
John Hope Anderson, clerk

Not responsible for accidents
Lunch available

Farm Bureau Policy

[Continued from Page 36]

federal milk marketing orders.

TOBACCO — Pending the development of a program that will better serve the interests of producers, support a tobacco program which provides that growers shall keep supply in line with demand in return for price supports.

PEANUTS — Recommend that the American Farm Bureau Federation work with peanut growers in all peanut producing states to develop amendments to the peanut support program to reduce its cost, provide opportunities for growers to produce for export, and assure a fair price to peanut farmers.

COTTON — Recommend that the preliminary loan rate announced by the Department of Agriculture for any crop of cotton be the minimum for that crop year.

SOYBEANS — Oppose acreage controls or marketing quotas on soybeans.

RICE — Favor continuation of the present rice program.

SUGAR — Support sugar legislation based on the principles of the expiring Sugar Act, but with the deletion of the conditional payment, excise tax, and wage determination provisions. In the absence of new legislation, some type of program is needed to protect the interests of domestic producers.

LIVESTOCK — Oppose the imposition of production quotas on livestock.

Doctor in the Kitchen®

by Laurence M. Hursh, M.D.
Consultant, National Dairy Council

Nutrition A La Carte

Food habits begin to form almost as soon as a child is born. Desirable attitudes and habits developed in early and elementary school years will benefit boys and girls during adolescence and later as adults. So start training your children earely to life-time good eating habits.

Riboflavin (which used to called Vitamin B2) aids the utilization of oxygen. It also helps keep our vision clear and prevents scaly sking around the nose and mouth and cracking at the corners of our mouths. Foods that give you riboflavin include dairy products, meats, fish, poultry, and eggs.

How old is man's knowledge opf nutrition? As early as 1900 B.C., Egyptians concluded that diet might be involved in night blindness. To correct the problem, Egyptian doctors recommended raw liver, which we now know is rich in Vitamin A. Other good sources include dairy products, egg yolk, dark green and deep yellow vegetables, also deep yellow fruits.

Studies show that many obese people don't eat any more than people who are not overweight. But the overweight people are less active phsysically. It's the balance between the food energy you consume and the activity energy you put out that matters. If you eat too much or exercise too little for the amount you eat, you'll be overweight.

Nutrition really means the teamwork of various nutrients. For instance, Vitamin D in milk helps build calcium and phosphorus into bones. Iron combines with protein to make hemoglobin, a component of red blood cells. For total nutrition, no one food can do the job. That's why we urge foods from all four food groups for best eating.

How far back in history is butter mentioned? Well, butter dates back as far as recorded history and undoubtedly beyond. There's a Biblical reference in Genesis, Chapter 18, the 8th verse, about Abraham providing butter as part of a meal. It seems that all through the ages, people have loved butter and regarded it as one of the great delicacies.

Here's another New Year's resolutin you might consider: Promise yourself you'll read the labels on the food you buy. You'll be more knowledgeable about the food, its weight in terms of price, and its nourishment. There's no point in your being ignorant, or careless, when it's a matter of where your food dollar is going.

Sale Reports

Sechrist Livestock
York County
December 23, 1974

Cattle 109: Steers, High choice and prime 39.25-40.50; good to choice 38.00-39.00; standard to good 36.50-37.50; Holsteins 32.00-36.25.

Heifers: High choice and prime 36.00-37.50; good to choice 34.50-35.75 Holsteins 25.00-32.00.

Feeder Steers good to choice 28.00-34.50; bulls good to choice commercial 32.00-33.25; standard to good 30.00-31.50; utility to standard 20.00-26.75.

Cows: high yielding commercial 20.00-23.50; cutters 18.75-19.85; canners 18.00-18.50; shells 10-17.

Calves 129: choice to prime 58.00-62.00; good to choice 50.00-56.50 and utility to good 35.00-44.50. Farm calves 90-110 lbs. 25-33 and culls 15-22.

Hogs 219: US 1-2 42.50-43.75; 1-3 41.00-42.25; cows 250-375 lbs. 29.00-35.50; 400-500 lbs. 26.00-28.75; boars 20.00-24.50.

Private treaty hogs select 1-2 200-215 lbs. 42.00-43.50 and 1-3 40.00-41.75.

GAP AUCTION
FRIDAY EVENING, JAN. 3, 1975
6:00 P.M.
Located Off Route 41 - Lancaster Ave. Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES SOLD AT EVERY AUCTION
Inspection Friday from 9 00 a m until sale time
CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. TO 7:00 P.M.
OTHER DAYS BY APPOINTMENT Call us for pick-up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

COWS COWS
EVERY WEDNESDAY IS

DAIRY DAY
AT NEW HOLLAND SALES STABLES, INC.
New Holland, Pa.
If you need 1 cow or a truck load, we have from 100 to 200 cows to sell every week at your price. Mostly fresh and close springing Holsteins.
Cows from local farmers and our regular shippers including Marvin Eshleman, Glenn Fite, Gordon Fritz, Blaine Hoffer, Dale Hostetter, Bill Lang, H. D. Matz, and Jerry Miller.
SALE STARTS 12:30 SHARP
COWS COWS

MUNCY CHIEF HYBRIDS

Muncy, PA.
Have a good supply of high quality seed corn.
High germination - reasonable prices.
SEE US AT BOOTH 562-563 PA. FARM SHOW
OR WRITE FOR INFORMATION AND PRICES.
MAIL COUPON
MUNCY CHIEF HYBRIDS
Muncy, Pa. 17756

Name _____
Address _____
_____
Phone _____
☐ I am interested in a dealership.
☐ I am interested in being a salesman
☐ I am interested in being a saleslady.
For area _____

EVERY FRIDAY
STOCKER and FEEDER AUCTION SALE
NEXT SALE JANUARY 3, 1975
Starting Time 12:00 Noon
Penna. Largest Weekly Sale of Cattle
All Grades, Breeds, Weights
LANCASTER STOCKYARDS, INC.
PHONE 717-394-2611

WORK HORSE & MULE

SALE
WED., JANUARY 8, 1975
PAUL Z. MARTIN'S
2 MILES EAST OF INTERCOURSE, PA., ALONG ROUTE 340.
2 Loads of Kentucky Draft Horses & Mules, Single & Pairs
Assorted Colors, Weights and Sizes
Also Local Horses, and a few Drivers.
TACK & EQUIPMENT - 11:00 A.M. HORSES - 12:30 P.M.
NEW HARNESS HARDWARE AT 11:00 A.M.
I will try to get them as good as possible
PAUL Z. MARTIN
BLUE BALL, PENNA. 17506
Residence - 717-354-6671
Business - 717-768-8108
MARTIN AUCTIONEERS
HAY, STRAW & CORN SALE EVERY WEDNESDAY AT 12 NOON
FARM EQUIPMENT SALE, WEDNESDAY, JANUARY 29, 1975 9:30 A.M.
Notice Change of Sale Date January 8, 1975

PUBLIC SALE
Monday, December 30, 1974
9:30 a.m.
Farm Machinery Grain
Livestock Antiques
LOCATED ON THE FARM AT ROUTE #1, JONESTOWN, LEBANON COUNTY, PENNA. TURN NORTH OFF ROUTE #22 APPROXIMATELY ¼ MILE WEST OF TRAINER'S RESTAURANT. FARM IS LOCATED NORTHEAST OF JONESTOWN
WD 45 Allis-Chalmers WD Allis-Chalmers International BN Tractor
New Holland 66 PTO Baler; 14 Disc Ontario Drill; International 4 Row Corn Planter; McCurdy Gravity Bin On Running Gear; 3 Flatbed Wagons; Oliver Trailer Mower; New Idea 12A Manure Spreader; Cultipacker; Land Roller; John Deere 3 Section Harrow; John Deere Disc Harrow; New Idea 1 Row Corn Picker; 2 Bottom Trailer Plow; Lavelle Elevator; 2 Row Corn Planter And Cultivator For BN Tractor; Allis-Chalmers 3 Bottom Plow; Riding Cultivator; Mayrath 4" Auger And New Idea Wheel Rake.
12 Head Feeder Cattle, 500 To 800 Pounds. 19 Feeder Hogs, 60 To 100 Pounds.
Shovels; Brooms; Hoes; Rubber Tired Wheelbarrow; Garden Hose; Electric Pour In Hot Water Heater; Milker Units; Sledge Hammer; Ropes; Hudson Hand Sprayer; Two 8 Hole Hog Feeders; 4 Hole Hog Feeder; 300 Gallon Gas Tank On Stand; Wooden Posts; Tire Chains; Cow Chains; Scythes; Belts; Chicken Crates; Wire; Iron Hog Troughs; Stepladder; 28' Wooden Extension Ladder And Scrap Iron.
5 Tons Straw - 40 Tons Mixed Hay - 40 Tons Ear Corn - 600 Bushels Wheat - 200 Bushels Oats.
All Are Estimated Weights Or Measurements
Bachman Wooden Box Wagon; Wooden Wheelbarrow; 6 Milk Cans; Beam Scale; Wedges; Ice Tongs; Hinges; Buck Saw; Old Harness And Hames; Wooden Grain Cleaner; Snitzel Bunk; Wooden Wheels; Single And Doubletrees; Hand Cultivators; Spring Wagon Seat; Bag Carts; Benches; Platform Scale; Wooden Rake; Old Hay Fork; Wooden Pulleys; 2 And 3 Tine Forks; 2 Hole Corn Sheller; Sheave Elevator; Wooden Wagon Jack And Many Other Old Farm Items.
Majestic Coal Range; Flour Chest; Wood Chest; Round Oak Extension Table; Wooden Baskets; Secretary Desk; 2 Blanket Chests; Oak Beds And Dressers; Empire Chest Of Drawers, Saddler's Bench; Baby Carriage; 4 Prong Wooden Fork; Dough Tray; Small Iron Kettle; 4 Piece China Bathroom Set, Copper Kettle, Iron Kettles, Butcher Spoons And Forks; Extension Table With Boards; Butter Churn; Apple Peeler, Cherry Seeder; Lard Cans; Candle Mold; Gun Powder Keg; Picture Frames, Mirror; Meat Bench; Sausage Stuffer; Scrapers, Crocks And Crock Jugs; Old Bottles; Lanterns; Dinner Bell; Wooden Bucket; Millstone; Kenmore Electric Range; Kenmore Automatic Washer; Coal Heatrola, Coldspot Chest Freezer; Refrigerator; Upholstered Chairs And Sofa; Dishes And Many Other Items Too Numerous To Be Mentioned.
SALE TIME: 9 30 A M
SALE ORDER. Small Barn Items, Machinery, Grain, Livestock, Antiques And Household Goods
Conditions By
WARREN B. WENGER
Harry H Bachman, Auctioneer
Lunch By The Lickdale Church.

Chester 4-Hers Compete At District Show

The two best steers at the Southeast District 4-H Beef Show were exhibited by Chester County 4-H members. A 1,165 pound Angus steer shown by William Wylie was named Grand Champion steer of the show. William is the son of Mr. & Mrs. Samuel Wylie, Jr., Nottingham.

The Reserve Grand Champion steer of the show was a 1,025 pound Angus exhibited by David Anderson. David is the son of Mr. & Mrs. John Anderson, Pocopson.

Other top winners in the show from Chester County were in the Lightweight Angus Class. First, Barbara Sickler, West Chester; third, Joan Anderson, Pocopson; Fifth, Darrel Stoltzfus, Elverson; sixth, Jay Bradford, Glen Moore; seventh, Fred Wojtowicz, Downington; and eighth, Robert Atherton, Glenn Moore.

Placings in the Medium Weight Angus Class were first, Barbara Bartram, West Chester; second, Mark Tonascia, Glen Moore; fourth, Debbie Coleman, West Chester; fifth, Tricia Bartram, West Chester; eighth , Cheryl Wojtowicz, Downingtown; and ninth, Suzanna Howe, Elverson.

In the Light Heavy Weight Class, first place animal was shown by David Anderson while James Goold, Glen Moore and Donald Stoltzfus, Elverson, showed the third and fourth place animals.

In the Hereford Division, Robert Ambler, Jr., Cochranville showed the fourth place lightweight steer and Richard Coleman, West Chester, showed the fourth place heavyweight.

Ginger Stokes, Westtown, exhibited the sixth place light heavyweight Crossbred steer while Gordon Smith, Landenberg, showed the second place and his sister Lori, showed the third place heavyweight crossbred steers.

PUBLIC AUCTION

BINKLEY & HURST BROS.

COMMUNITY CONSIGNMENT SALE OF FARM EQUIPMENT

SATURDAY, FEBRUARY 8, 1975

At RD4, Lititz, Pa.

Farmers . . . If you have any farm equipment which you would like to sell on this Community Consignment Sale, please call as soon as possible so we can advertise it for you.

Call 717-626-4705

John E. & Paul E Martin, Auctioneers
Phone 717-733 3511 or 733 3305

PUBLIC AUCTION

AT THE NEW

HAT & GAVEL AUCTION CO.

ONE MILE NORTH OF LITITZ ALONG RT. 501

LARGE ANTIQUE AUCTION

JAN. 2, 1975 - 5:30 P.M.

English type slant top desk, high top bedroom suit, Majestic cooking range, Oakdale parlor stove, farm table, walnut marble top washstand, spinning wheel, winder wheel, love seat, ox yokes, wooden washing machine, dropleaf table, meat bench, ball & claw piano stool.

Stiegel pitcher & flip glass, dated Heisey glass, footed white carnival bowl, collection of carnival water sets, berry set, linen door panels dated 1860-1799, hooked rugs, quilts, adams, early paste, miniature painted chest, pewter, wheat butter press, German china, candle mold, broad ax, flasks, miniature cradles, cut glass, water sets, kerosene lamps, china cannister set, pressed & pattern, pictures, oak hall rack, tiffany type light shade, wicker baby coach, toilet water bowl sets, wheat cradle, Seth Thomas & Session clocks, crocks.

We will have a full evening of good collectables.
Our next Antique Sale will be February 6.

WE SPECIALIZE IN PUBLIC AUCTIONS, ESTATES AND ANTIQUES.

WILBUR H. HOSLER — JAY M. WITMAN
306 Owl Hill Rd., Lititz — RD3, Manheim, Pa.

HAT & GAVEL AUCTION CO. SELLS ON COMMISSION — CALL 626-0254

Receiving Hours: Monday, Noon to 9 P.M.; Wednesday, 9 A M to 6 P.M.; Tuesday, Pickup Day.

Public Sales Register

SAT. DEC. 28 - 11:30 A.M. Public Sale of Valuable Farm Machinery, Some Household Good and Some Antiques located 9 miles South of Quarryville at Fairmount on Jackson Drive. Sale by Lloyd Wolf, RD2, Quarryville, Pa.; Lloyd H. Kreider, Auctioneer.

SAT. DEC. 28-11:30 a.m. Public Sale of Farm Machinery at Oak Shade, 1 mile North of Little Britain, along Jackson Drive. Sale by Lloyd Wolf, RD2, Quarryville, Pa. Lloyd H. Kreider, Auctioneer.

SAT. DEC. 28 - 11:30 a.m. Public Sale of Valuable Farm Machinery, Some Household Good and Some Antiques located 9 miles South of Quarryville at Fairmount on Jackson Drive. Sale by Lloyd Wolf, RD2, Quarryville, Pa.; Lloyd H. Kreider and Randal V. Kline, Auctioneers.

SAT. DEC. 28 - 1 p.m. 4-H Market Hog Sale to be held at the Lebanon Fairgrounds, located 1½ miles South of Lebanon at the intersection of Cornwall and Evergreen Roads.

MON. DEC. 30- 7:30 p.m. Special Holiday Sale of 50 Head of Top Quality Dairy Cows and First Calf Heifers from Vermont, Conn. and New Hampshire to be held at the Gordon W. Fritz Farm, Smoketown, Pa. Rt. 340, 5 miles East of Lancaster, 5 miles West of Intercourse. Sale by Gordon W. Fritz; Auct. Frank and Paul Snyder.

Consumers' Corner

Packaging

Packages and labels should aid the gift buyer comparing values prior to purchase The information should be clearly present and easily visible All claims made by the seller should be supportable by documentation as to performance, safety, and economy

Consumer products should provide the following information:

—Common identity of the product.

—Net quantity, weight, measure, size or numerical value.

—Name and address of manufacturer, packer, or distributor.

—Warnings of any inherent dangers relative to maintenance, use, storage, or disposal of the product Also, a description of prescribed treatment in case the warning is ignored or not understood

—Readable and complete directions for the use and care of the product

—Relative price information should be listed in a convenient and understandable form

MON. DEC. 30-9:30 a.m. Public Sale of Farm Machinery, Grain, Livestock, Antiques located on the farm at Route 1, Jonestown, Lebanon County, Pa. turn North off Route 22 approx. ¼ mile West of Trainer's Restaurant. Farm in located Northeast of Jonestown. Sale by Warren B. Wenger; Harry H. Bachman, Auctioneer.

WED. JAN. 1 - 12 Noon Complete Polled Ayrshire Dairy Dispersal Sale located 1 mile N. E. of Lebanon at 935 E. Maple Street. Glen Sanger, owner; Paul E. Sanger, Auctioneer.

WED. JAN. 1 - 9:00 A.M. Public Sale of Antiques & Collectable Items. Located at Harry's Auction in Leola.

THURS. JAN. 2-5:30 p.m. Public Auction at Hat & Gavel Auction Co. located one mile North of Lititz along Rt. 501. Wilbur H. Hosler and Jay M. Witman, Auctioneers.

FRI. JAN. 3-12:00 Noon Stocker and Feeder Auction Sale at the Lancaster Stockyards, Inc., Lancaster, Penna.

FRI. JAN. 3 - 6 P.M. Public Sale at the Gap Auction located off Route 41, Lancaster Ave. opposite Turkey Hill Minit Market cross RR Bridge. Ira Stoltzfus & Son, Auctioneers.

TUES. JAN. 7-1 p.m. Graded Feeder Pig Sale at the Lancaster Stockyards, Inc., Lancaster, Penna.

TUES. JAN. 7 - 6 p.m. Public Auction of Furniture, Glassware, Appliances, etc. located at Farmersville, 3 miles East of Brownstown, Lancaster Co. Sale by John Rutt, Richard Murray, Auctioneer.

WED. JAN. 8- Work Horse and Mule Sale at the Paul Z. Martin Sale Barn located 2 miles East of Intercourse, Pa. along Route 340. Tack and Equipment 11 a.m. Horses 12:30 p.m. New Harness Hardware at 11 a.m. Sale by Paul Z. Martin, Blue Ball, Penna. Martin Auctioineers.

WED. JAN. 8- 10 a.m. Yorkshire Bred Gilt Sale in the small arena at the Pennsylvania State Farm Show, Harrisburg, Penna. Sale sponsored by the Pa. Yorkshire Association.

THURS. JAN. 9-5:30 p.m. Public Auction at the Hat & Gavel Auction Co., located one mile North of Lititz along Rt. 501. Wilbur H. Hosler and Jay M. Witman, Auctioneer.

SAT. JAN. 11 - 11 A.M. Public Sale of Valuable Holstein Dairy Cattle and Farm Machinery located in the 6th District of Balt. Co., Md., approx. 2 miles west of New Freedom, Pa. on the corner of Keeney Mill Rd. and Oakland Rd. Take the road past Summers Canning Co. and proceed to Oakland Rd., turn right and follow signs to sale or take Keeney Mill Rd. off the Middletown Rd. and proceed to sale. Sale by Walter Schnetzka and Earl Zimmerman, Owners, Freeland, Md. Robert L. Sechrist, Auctioneer.

SAT. JAN. 11- 12:00 Noon 65 Holstein Fresh Cow Sale at Harry Rudnick & Sons, Inc. Livestock Sale, Galena, Md.

SAT. JAN. 11- 2 p.m. Public Auction of Valuable Real Estate, 29 acre farm located 5 miles Northwest of Manheim, Pa. in Rapho Twp. along the Elizabethtown Road, ¼ mile east of Colebrook Road at Union Square. Sale by Gary K. and Carol Lee Wasson; E. M. Murry Associates, Auctioneers, Lititz, Pa.

SAT. JAN. 11- 10:30 a.m. Public Sale of Household Goods and Antiques located in the village of Chestnut Level, 4 miles South of "The Buck", off Route 272, 16 miles South of Lancaster. Terms by Mrs. W. Scott Ankrum; Kreider and Diller, Auctioneers.

MON. JAN. 13- 12 Noon Dairy Herd Dispersal of 27 High Grade Holsteins. Located in York County, Pa., along Rt. 616 - 3 miles (half way) Between Seven Valleys and Glenn Rock on Granary Rd. From Rt. 30 - 4 miles west of York turn South at traffic light onto Rt. 616 continue to Seven Valleys and turn right staying in Rt. 616 to Granary Rd. Approx. 9 miles from Rt. 30. Follow Sale signs posted day of sale. Sale by Millard E. & Martha M. Miller, owners; Clair R. Slaybaugh, Auctioneer.

WED. JAN. 15- 9:30 a.m. Consignment Sale located ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. Watch for Sale Sign. Sale by David H. Good; F. Snyder, R. Martin and C. H. Wolgemkth, Auctioneers.

THURS. JAN. 16-12 Noon H. Ferdinand Nagel Milking Herd and Bred Heifer Dispersal to be held at the Charles C. Myers Black and White Sale Barn located just

[Continued on Page 39]

PUBLIC AUCTION

VALUABLE REAL ESTATE
29 ACRE FARM

SATURDAY, JAN. 11, 1975

2:00 P.M.

Located 5 miles Northwest of Manheim, Pa. in Rapho Twp. along the Elizabethtown Road, ¼ mile East of Colebrook Road at Union Square

Farm consists of approx. 29 acres of land having approx. 1,000 ft. road frontage on Elizabethtown Road, also ¼ acre farm pond. Thereon erected 12 room farm house with 2 baths, frame barn and other storage areas.

This farm is in excellent location with various potentials. You will want to inspect this farm in the entirety. To do so dial 1-717-665-6318 Manheim, Pa. the owner for an appointment.

Sale by:

GARY K. and CAROL LEE WASSON

Stein, Storb, Mann, Attys.
E. M. Murry Associates Auctioneers, Lititz, Pa.
626-5244, 626-2636

Pennsylvania Swine Breeders Cooperative

ALL BREED BRED GILT SALE

January 7 and 8, 1975

Farm Show Building, Harrisburg, Pa.

For catalogs contact the following breed secretaries

BERKSHIRE - Dennis L. Grumbine
R2, Myerstown, Pa. 17067
CHESTER WHITE - Charles E. Griest
R1, Abbottstown, Pa. 17301
DUROC - George Zimmerman
R1, Grantville, Pa. 17028
HAMPSHIRE - Dean Fetterolf
R1, Centre Hall, Pa. 16828
LANDRACE - Jay D. Blatt
R2, Annville, Pa. 17003
POLAND CHINA - Roland W. Piper
R3, Benton, Pa. 17814
SPOTS - Wendell McKinssick
R3, Slippery Rock, Pa. 16057
YORKSHIRE - Leon Arnold
R5, Lebanon, Pa. 17042

Public Sales Register

(Continued from Page 38)

west of Lancaster on Dairy Lane. Take Rt. 283 west of Lancaster, exit just beyond the ABC Stud Barns at Flory's Mill Rd. Turn left after exiting go right around mill to sale barn. Sale by H. Ferdinand Nagel, owner, RD2, Box 381, Federalsburg, Md.; Charles C. Myers, Sale Arranger; R. Austin Backus, Inc., Auctioneers, Mexico, N.Y.

FRI. JAN 17 - Public Sale of Farm Equipment located along Gypsy Hill Road, 4 miles South of Lancaster, 1 mile off Rt. 222. Sale by A.K. King; Diller and Kreider, Auctioneers.

FRI. JAN. 17-8:00 p.m. Cow Sale at the Black & White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile West of breeding unit. Charles C. Myers, owner; Abe Diffenbach, Auctioneer, Henry Kettering, Pedigrees; Park Myers, Sales Manager

SAT. JAN. 18- 12:00 Noon 60 Head Bred Heifers and Dry Cows Sale at Harry Rudnick & Sons, Inc., Livestock Sale, Galena, Md.

FRI. JAN. 24- 10 a.m. Public Sale of 175 Draft Horses and Muler at the Lebanon Valley Livestock Market Sales Barn, 28 miles east of Harrisburg, Pa., 4 miles east of Jonestown, Pa. on U.S. Highway 22. Turn off Interstate 78 at Fredericksburg, Exit 1. Sale by Paul S. Waltermyer, RD1 Jonestown, Pa.; Wilburg Hostler, Auctioneer.

FRI. JAN. 24 - 10 a.m. Public Sale of 150 Draft Horses and Mules to be held at the Lebanon Valley Livestock Market, Fredericksburg, Pa.

SAT. JAN. 25- 10 a.m. Consignment Sale of Farm Machinery located on Rt. 206, Columbus, N.J., 3 miles from the New Jersey turnpike South. Donald A. Worrell, Auctioneer.

SAT. JAN. 25- 12:00 Noon 60 Head Holstein Open Heifers at Harry Rudnick & Sons, Inc., Livestock Sale, Galena, Md.

WED. JAN. 29- 9:30 a.m. Paul Z. Martin's First Consignment Farm Equipment Sale to be held at my New Place of business, 2 miles East of Intercourse, at intersection of Route 340 and New Holland Road, 4 miles South of New Holland. Sale by Paul Z. Martin, Blue Ball, Pa. Martin Auctioneers and Associates R. W. Horst, H. H. Lein and John Fry.

WED. FEB. 5 - Public Sale of Farm Equipment and Dairy Cattle by Leroy W. Oberholtzer, RD3, Myerstown, Pa. John E. and Paul E. Martin, Auctioneers.

THURS. FEB. 6- Public Sale of Farm Equipment by Luke Burkholder, Manheim area. Randal Kline Auctioneer.

SAT. FEB. 8- 2 p.m. Public Sale of Modern Dairy Farm, 118 acres more or less with spring and pond, 2½ story frame dwelling, shop, butcher shop with smoke room, 2 car garage, bank barn with concrete attach. with 100 free stalls and box stalls, 2 silos. Located midway between White Horse Rt. 340 and Gap U.S. Rt. 30 just off Rt. 897 on Limeville Rd. in Salisbury Twp., Lancaster Co., Pa. Terms by Amos D. Hoover; Robert E. Martin and Frank L. Steller, Auctioneers; Wenger and Byler, Attys.

SAT. FEB. 8 - 2nd Annual Community Consignment Sale by Binkley and Hurst Bros., RD4, Lititz, just North of Rothsville, Pa. John E. and Paul E. Martin, Auctioneer.

SAT. FEB. 8- 1 p.m. Public Sale of Bred Gilts, Open Gilts and Boars to be held at the Lebanon Fairgrounds, located 1½ miles South of Lebanon at the intersection of Cornwall and Evergreen Roads. Sale by Pa. Yorkshire Association.

TUES. FEB. 11- Public Sale of Dairy and Farm Machinery for Paul Heisey, Schaefferstown area, just off Rt. 501. Randal Kline, Auctioneer.

THURS. FEB. 13- Dairy Dispersal and Farm Equipment for Alvin Good, Mastersonville, Pa. Randal Kline and Lloyd H. Kreider, Auctioneers.

SAT. FEB. 15 - 1:30 P.M. Feeder Pig Sale by Walter M. Horst, located between Womelsdorf and Myerstown along Route 422, at Souchsburg take Scharff Road South 1 mile, third farm on left, ½ mile North of Sheridan Furnaces; Marion Twp., Berks County, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. FEB. 15 - 11:30 Public Sale of Farm Machinery, Ear Corn, Hay & Straw, Livestock and Household Goods located along Koser Road, just East of the Fruitville Pike, approx. 5 miles North of Rte. 283 By-Pass, 1½ miles West of Neffsville, Pa. Sale by Rufus W. and Mary M. Martin, Nevin Z. Martin, Auctioneer.

TUES. FEB. 18 - 12:00 Public Sale of Farm Machinery and Some Household Goods located along Rt. 222 just South of Quarryville, 1st farm on the right across from the Presbyterian Rest Home. Sale by M. Vernon Weaver, Nevin Z. Martin, Auctioneer.

WED. FEB. 19 - Public Sale of Farm Equipment by Lebanon Valley Implement Co., 700 E. Linden St., Richland, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. FEB. 22 - Public Sale of Farm Equipment by Phares Musser, RD1, Lebanon, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. FEB. 22- Public Sale of Farm Equipment, Trucks, Shop Equip. and Building Supplies located at RD3, Manheim, Pa. along Mountain Road, just East of Rt. 72. Sale by Richard R. and Betty Gerlach. C. H. and Bob Wolgemuth, Auctioneers.

MON. FEB. 24 - Public Sale of Farm Equipment, Feeder Cattle and ear corn by Freeland D. Sensenig, RD1, Leola, Pa. John E. and Paul E. Martin, Auctioneers.

THURS. FEB. 27- Dairy Dispersal and Farm Equipment for John S. Martin, Bowmansville Area. Randal Kline, Auctioneer.

SAT. MAR. 1 - Public Sale of Farm Equipment located 1½ miles North of Hessdale, North of Rte. 222. Sale by Paul Meck; Diller and Kreider, Auctioneers.

SAT. MARCH 1- Public Sale of Farm Equipment and Household Goods by Allen Nolt, Lititz RD3, right off new Rt. 222. Randal Kline, Auctioneer.

SAT. MARCH 1- 9 a.m. - 11th Annual all day commission and donation Public Sale by the Bart Twp. Fire Co. Rt. 896 in the village of Georgetown, Lancaster Co., Pa. Complete list of Farm Equipment, Building Materials, Household Goods.

MON. MARCH 3- 10 a.m. Public Sale of modern farm equipment, located 1 mile north of Silver Spring, Pa. on Nolt's Ponds Farm. Sale by Norman W. Gerhart. Raymond Miller and Rufus Geib, Auctioneers.

TUES. MAR. 4 - Complete Registered Holstein Dispersal (55 Head, Cert., Accredited, Vacc., Classified, DHIA Avg. 15,094M, 642F, 4.3 Test, All Atlantic Breeding) located at Springville, Pa., 6 miles South East of New Holland, 1 mile North off Rte 340. Sale by Amos H. and Eleanor M. Hershey; Diller and Kreider, Auctioneers.

THURS. MARCH 6- Public Sale of Farm Equipment by Harry Weaver, Blue Ball area. Randal Kline, Auctioneer.

THURS. MARCH 6- 11 a.m. Complete Herd Dispersal of 150 Head Holsteins for Kyle and Wallace to be held at the Black & White Holstein Sale Barn, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile West of breeding unit. Charles C. Myers, sales Manager.

SAT. MARCH 8 - Public Sale of Farm Equipment and Hay by Adam M. Horst, RD1, Ephrata, Pa. John E. and Paul E. Martin, Auctioneers.

THURS. MARCH 13- Complete Holstein Dispersal Sale for William Stober, Adamstown, Pa. Randal Kline, Auctioneer.

SAT. MAR. 15 - Public Sale of Farm Equipment located 1 mile East of New Providence off Rt. 222. Sale by Robert Dombach; Diller and Kreider Auctioneers.

FRI. MARCH 21 - Registered Holstein Milking Herd Dispersal located 1 mile North of Lititz, off Rte. 501, (55 Head Cert. and Accredited, DHIA 13,213 M, 514F, 3.9 percent Test. All Atlantic Breeding) Including Some Farm Equipment. Sale by H. Richard Hershey; Diller and Kreider, Auctioneers.

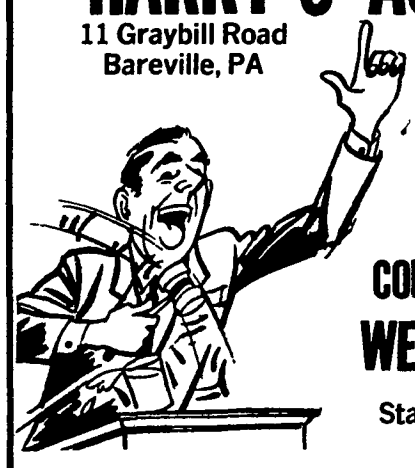
SAT. MARCH 22- 1 p.m. Public Sale of Bred Gilts, Open Gilts and Boars to be held at the Lebanon Fairgrounds, located 1½ miles South of Lebanon at the intersection of Cornwall and Evergreen Roads. Sale by the Pa. Yorkshire Association.

FRI. AUG. 8- 6 p.m. Public Sale of Bred Gilts, Open Gilts and Boars to be held at the Lebanon Fairgrounds, located 1½ miles South of Lebanon at the intersection of Cornwall and Evergreen Roads. Sale by the Pa. Yorkshire Association.

HARRY'S AUCTION

11 Graybill Road
Bareville, PA

8 Miles East of Lancaster
Just Off Route 23



LARGE ANTIQUE SALE & COLLECTORS ITEMS

WED., JAN. 1st

Starting 9:00 A.M.

Dual china closet; round tables; lots of washstands; jelly cupboards; sets of chairs; dropleaf tables.

Over 150 pieces of good old furniture, and at least 12 tables of good old dishes and small items.

AUCTIONEER & MANAGER GEORGE J. CLAPPER
Phone 656-2272

Coming Sale Dates: Jan. 11, 18 and 23

LOOKING FOR A GOOD BUY?

WE HAVE IT.

A HERD OF TOP QUALITY WISCONSIN COWS HIT TOWN.

WE ARE TURNING THEM INTO CASH BEFORE THE END OF THE YEAR.

Take Advantage - Call Now!

NEXT SCHEDULED NITE COW SALE - FRI. JAN. 17th

For additional information on Bloodlines and Production, call Thursday, January 16 (717) 569-2106.

Sale held at the Black & White Holstein Farm located just West of Lancaster, Pa. on Dairy Lane. Exit 283 West of Lancaster at Flory's Mill Rd., turn left and then right around mill to farm.

ABE DIFFENBACH, Auctioneer
HENRY KETTERING, Pedigrees
PARK MYERS, Sales Manager
ROBERT LAWRENCE, Cashier

CHARLES C. MYERS
717-569-2106
or 717-569-6800

PUBLIC SALE

WEDNESDAY, JANUARY 1, 1975

- DAIRY CATTLE -

1 Mile Northeast of Lebanon, along Kimmerlings - Mt. Zion Road at 935 East Maple St.

73 Registered Polled Ayrshires 73

Certified Blood tested TB Acc. tested within 30 days.

40 Large Milk Cows; 10 Bred Heifers; 18 Open Heifers; 4 Bulls; Excellent Udders & Heavy Milkers. Top Cow 20,160 Milk, 710 Pounds Fat M.E. Mostly Naturally Polled, 1 son, 38 Granddaughters and 3 grandsons of the renounced selwood Bettys Commander sell at this sale. He has 5,832 daughters around the country. Avg. prod. 12,983 lbs. Milk, 560 lbs. Fat.

All Sell regardless of Price. Owners are retiring from Dairying. Cornell Barn Cleaner 30 Stanchions Bowls. Also 2 DeLaval Milkers.

SALE AT: 12:00 NOON. Lunch at the sale.

Conditions by:

Glendale Farms, Lebanon, Pa.

GLENN & REINETTA SANGER, Owners
Paul E. Sanger, Sales Manager & Auct.
717-273-1025

Sausage - Pork: How To Select, Cook, Use

prepared by
National Livestock
and Meat Board

The word, "sausage," is relatively modern. It is derived from the Latin, salsus, meaning preserved or, literally, "salted." Sausages of various kinds were generally popular with the Greeks and Romans at the time of the Caesars. The history of sausage dates back much farther, however.

Sausage is one of the oldest forms of processed food and was the first processed meat product. It was an accepted food staple some thousand years before Christ, and today it remains as one of the busy homemaker's best "convenience" foods.

The art of sausage-making developed by slow stages. There is evidence of rudimentary sausage-making by the American Indian, who combined chopped dried meat with dried berries pressed into a cake to eat when game was scarce. Certainly this was a primitive form of today's dry sausage. Similar drying of meat was common along the shores of the Mediterranean, centuries before the rise of the Roman Empire.

Virtually all peoples of ancient Europe are known to have produced some type, and by the Middle Ages sausage-making had become an art practiced commercially by entrepreneurs in many localities.

Certain of these early sausage-makers became so adept in the spicing and processing of sausages of distinctive types that the fame of their product spread throughout all Europe.

At the same time wurstmachers in Frankfurt-on-Main, Germany, created the frankfurter, sausage-makers in Vienna invented the very similar wiener. (Today, wiener and frankfurter are interchangeable terms.)

Also from Germany came the braunschweiger from Brunswick and the berliner took its name from its home city of Berlin.

From Gothenberg came the Swede's contribution to the sausage industry, the goteborg sausage.

Sausage named for cities in Italy include: genoa salami from Genoa; bologna from Bologna and romano from Rome.

And the French contributed, too. Sausage-makers in the cities of Lyons and Arles invented the lyons and arles sausage.

Sausage, as made by the ancients, was the forerunner of the family of food products we know today as ready-to-serve meats...and centuries of experience and recent rapid progress have resulted in the endless variety of luncheon meats or cold cuts on display at your food store.

The many varieites of sausage - over 200 of them - offer unlimited ways in which they may be served, either by themselves or in combination with other foods. Their seasonings range from the delicate to the very pronounced and enhance the flavor of many dishes.

BREAKFAST - Pork sausage, in its many varieties, helps to wake the family with its pleasing aroma. Whether links, patties, or country-style, it's a perfect go-together with waffles, eggs, pancakes, or French toast.

For an interesting change of pace, you may wish to try one of the following:

Bologna cups with scrambled eggs. To prepare, simply slice bologna ¼ of an inch or more in thickness and fry. The bologna will naturally form in cup shape. Fill with scrambled eggs. (For other meals, a great variety of foods may be served in place of the scrambled eggs, such as German potato salad or baked beans.) Ready-to-serve meats diced or Julienne-style scrambled with eggs make a meaty breakfast treat.

One of the several available forms of canned luncheon meat sliced and fried or broiled helps to add interest to breakfast.

CASSEROLES - Sausage and ready-to-serve meats give easy-to-do qualities to casseroles. Diced in ½-inch squares or sliced, they may be added to such casseroles as macaroni, scalloped potatoes or Spanish rice. A combination of two or more sausages will add a unique flavor to this meal in one dish.

ROASTS - Sausage is a natural for the meat course of a popular dinner. Many of the varieties lend themselves to serving this way. For example a section of bologna weighing two or more pounds may be successfully roasted on a rack in a shallow pan in an oven or on a spit. The bologna may be scored and decorated as ham would be. It may be brushed with barbecue sauce of desired. Another variation would be to use canned luncheon meats in much the same way. Top these with cloves, pineapple chunks and brown sugar before heating in oven.

SALADS - Salads of many types are enhanced by the addition of sausage and ready-to-serve meats. Other ingredients could include garden greens, other vegetables and fruits. Cut sausage or ready-to-serve meat into circles, strips, wedges and triangles selected for color contrast. Toss lightly and place strips of sausages across the top of the salad.

SNACKS AND HORS D'OEUVRES - Sausage and ready-to-serve meats for evening snacks or party hors d'oeuvres are limited only by imaginatioin. Small sausages, such as cocktail wieners or frankfurters or cocktail smoked sausage links, may be prepared on a small hibachi. A zesty dip adds the fnishing touch. Sliced sausage or ready-to-serve meats can be spread with a cream cheese mixture, rolled or stacked, and cut into wedges. Sausage cornucopias held together with a small wooden pick may be filled with potato salad, an olive or a cocktail onion. Soft sausages, such as braunschweiger or liver sausage, rolled into small balls and covered with crushed nuts add interest as well as being delicious to eat. Add a pretzel stick just prior to serving for ease in handling. Cooked sausage, ground and combined with cheese, onions and a small amount of pickle juice, makes a delightful spread for crackers.

COLD PLATTERS - Choose sausages and ready-to-serve meats for their variety of color, texture, shape and flavor when preparing a formal or informal cold platter. They form an interesting focal point for buffet dining. Garnishes on the serving tray add interest to this setting.

SANDWICHES - That all-American favorite, the sandwich, has many varieties. For interest and change serve them open-faced, glazed or with com-

[Continued on Page 41]

Start the New Year
on a positive note:

Phil 4 13 - "I can do ALL things through Christ which strengthens me."

ELIZABETHTOWN CREAMERY
Elizabethtown, PA

SPECIAL
430 T BALERS W/ENGINE DRIVE
Buy Now - With Minimum Down Payment
No Payment Till April 1st 1975

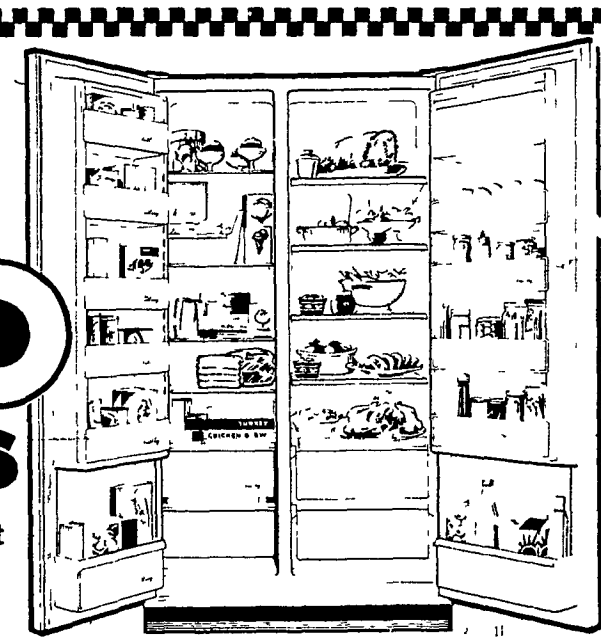
USED EQUIPMENT
Rear Unloading Forage Wagons $700.00

Int 46 Baler
#7 Fertilizer Distributor
John Bean 502 Speed Sprayer
#550 2-row Forage Harvester
Myers Potato Sprayer
915 - Combine, 6 Row Head
650 Direct Through Forage Harvester
650 Forage Harvesters w/Screen
22 Ft John Deere Disc Harrow
656 Diesel Tractor
666 Gas Tractor
990 Mower Conditioner

NEW EQUIPMENT

Disc Harrows all shapes & sizes
Grinder Mixer w/Blower
650 Forage Harvesters
101 Ground Drive Spreaders
Bale King Hay Wagons
710 AUTOMATIC PLOWS
Int. 990 Mower Conditioner
766 - 1066 Tractors

SAVE MONEY ON PHILCO
COLD GUARD
REFRIGERATORS
It's so efficient that it uses electricity only about half the time.



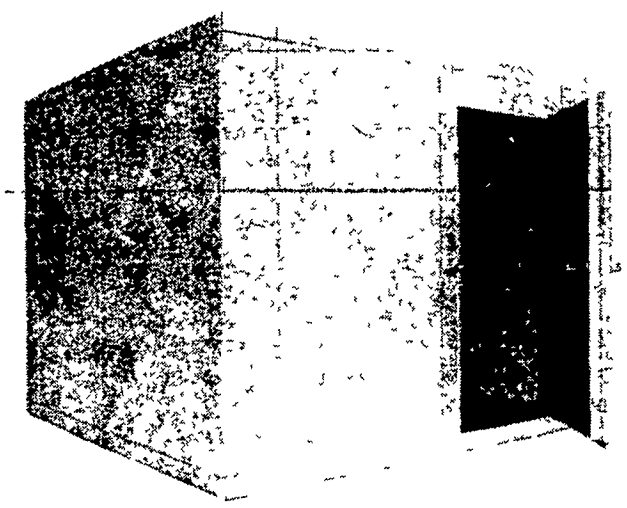
Capital
REFRIGERATION INC

Top of the Line
Walk in Freezers

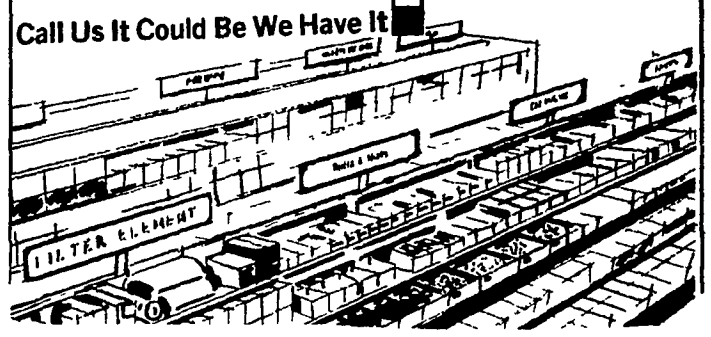
★★★★★★★★★★★★★★★★★★

We do a complete job.
Sales — Service — Repairs
on Residential & Commercial Refrigeration
Diesels & All Bulk Tank Systems

★★★★★★★★★★★★★★★★★★



Call Dick Bomberger
SERVICE
PARTS
INVENTORY
MANAGEMENT
spim
Call Us It Could Be We Have It



Happy New Year

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON
INTERCOURSE, PENNA. PHONE 768-8231

classified ads

Mail Box Market

For Sale - Holstein bull; 2 bottom Oliver Raydex plow; car front ends; Wanted - Bale box. Elam B. Stoltzfoos, Hess Road, RD1, Leola, Pa.

For Sale - Hungarian Sheepdog Pups. Samuel K. Stoltzfus, RD1, Kinzer, Pa. along Peter's Road.

For Sale - 16 Holstein heifers ready to breed, all sired by ABC. Badger Barn cleaner with 240 feet chain and 20 ft. elevator. 867-2995

For Sale - 2 year old Registered pointer, partly trained. 215-484-4145

For Sale - 22 rifle single hot $15.00 Phone 215-286-5088

For Sale - 2 sets of baby goats, bottle fed. 717-354-7889

For Sale - Fire place wood, locust logs. 717-665-6278

8 Holstein Heifers for sale, fresh and springing; also 1956 Chevy Pickup, best offer. 717-665-3132

Mail Box Market

For Sale - Lincoln Welders, 130 amp and 250 amp. Amos L. Fisher, 3141 Old Philadelphia Pike, Bird-in-Hand, Pa. 17505

For Sale - 1 set of new tractor tires and rims. Rear tires 18-4-30, front 7-50-16. Phone 717-354-9584

For Sale - 2 butcher hogs, 350-400 lbs. Paul N. Hoover, East Earl, Pa. RD1, 17519

For Sale - Good Timothy and mixed hay and straw, no rain. Also ear corn, oats, and barley. Phone 927-6580

For Sale - John Deere 2010 Utility diesel tractor in excellent condition. Call 215-683-7943

For Sale - One Ford power unit, 4 cylinder, 60 HP, good running condition. Amos W. Hoover, Reidenback Road, New Holland RD1, Pa.

For Sale - AKC Cocker Spaniel puppies, Buff with white. 215-445-4272

Mail Box Market

For Sale - Like new Onan generator, 12 KW, 115 and 230 volts, belt drive, $600. 717-367-7016

For Sale - Dorset Horned Ram, 4 years old $50. 215-384-9056

For Sale - Sauder manure loader, fits Ford and Ferguson tractors. $175. or reasonable offer. Phone 215-267-2686

For Sale - 25 Rhode Island Red Pullets 24 wks. old starting to lay, 15 yearling Reds. Edwin High, Ephrata RD2, Pa. 717-859-2182

Wanted - Combine excellent condition, 5 foot, pull type, motor driven or PTO driven. Arnold Waly, Box 71, Route 1, Crownsville, Md., 21032 Phone 3-721-2240

For Sale - Old English Sheepdog, male, 2 years old, AKC excellent watch dog and pet. Make offer. Phone 653-4645 after 6 P.M.

Mail Box Market

For Sale - 4 year old dark brown standardbred carriage horse, sound and safe for most anyone to drive and a good road horse. Apply to Isaac S. Fisher, Gordonville, Pa. on North Soudersburg Road.

For Sale - Holstein Dairy herd, 27 cows, 20 heifers and calves, mostly Registered, DHIA records, Phone 1-442-8390

For Sale - Snow plow to fit Farmall tractor or will trade for snow plow to fit Jeep. 1952 1 ton Chevrolet pickup, will sell all or 4 speed transmission and engine. Call 529-2044

Wanted - 16 or 18 ft. cattle body, good condition for double decking for hogs. Phone 215-799-3375

TRY A CLASSIFIED AD!

Mail Box Market

For Sale - Registered Elevation Son; Surge electric timer; 52 gallon electric water heater. Wanted - Over head door 12 ft. wide. 717-733-4509

For Sale - Tall saddlebred driving horse, 8 years old, sound, man's horse. Martin H. Fox, RD1, N Shirk Road, New Holland, Pa.

For Sale - Chester White boars, all ages, out of season breeding top breeding in Chester Whites, reasonable prices. Rodger Bankert, Hanover RD3, Pa. 717-637-2932

For Sale - 7 yr. old black standardbred carriage horse. Apply to Amos Smucker, New Holland RD2, along Peter's Road.

For Sale - Western saddle, like new. 717-665-6765

Mail Box Market

For Sale: Live Muscovy ducks. $3 each. Phone 717-872-4238.

For Sale - First and second calf heifers, some purebred, phone 717-529-2396

For Sale - John Deere 4320 with roll guard; Mustang 440 skid steer loader; 1969 C750 Ford with 16 ft. grain bed; 1966 C800 Diesel with 18 ft. grain bed, phone 717-442-8153 or 717-442-8206

For Sale - 2,000 Shaver leghorn yearlings, excellent health, Call Manheim 717-665-2962 or 665-5772

For Sale - 2 Purebred Heifer calves from Tidy Burke Transmitter. Also calves from other NEBA Sires in near future priced reasonable. Leroy Fetow, RD1, Palmyra, Pa. Phone 717-469-2615

Sausage - Pork:

(Continued from Page 40)

binations of sausage and ready-to-serve meats. For party fun, provide the guests with the "fixings" and let them have a make-your-own session.

Selection of Sausage

With over 200 varieties of sausage and ready-to-serve meats to choose from, menus built around them are literally endless.

When selecting sausage or ready-to-serve meats, choosing some of the less familiar ones can add excitement to the menu. The combination of meats, spices and condiments provides a flavor for every taste from the very delicate to robust.

Being all edible, sausage is not only a good buy, but takes the guesswork out of shopping. In selecting sausage the following quantity of cooked meat should be allowed per serving. For breakfast, two to three ounces; for lunch, three or more ounces; and for the main meal, four or more ounces.

Government, state and municipal regulations covering food products vary from area to area. One can expect, however, to find the following information on the label of sausage or ready-to-serve meats.

1. The name of the product.
2. A listing of ingredients arranged in descending order of the amounts used.
3. The quantity of contents in pound and-or ounces.
4. The name and address of the firm preparing or distributing the product.
5. An inspection legend, either federal, state or local.

Care and Storage

Great care is taken by today's sausage manufacturer to provide a product of the highest quality and freshness. A few simple precautions by the homemaker will insure that same high quality at the table.

All sausage and ready-to-serve meals, whether fresh, cooled or smoked, should be refrigerated. They may be left in their original wrappings or containers during the storage time. Listed below are recommended refrigeration (38 degrees to 40 degrees F.) storage periods for sausage and ready-to-serve meats.

Fresh Sausage	1 week
Fresh Smoked Sausage	1 week
Cooked Sausage	2 weeks
Cooked Smoked Sausage	2 weeks
Dry and Semi-Dry Sausage	2 to 3 weeks
Ready-to-Serve Meats	1 week
Fresh Sausage	1 week
Fresh Smoked Sausage	1 week

Sausage on The Grill

America loves to live outdoors, and sausage and ready-to-serve meats are a natural for this casual form of living. Most sausage and ready-to-serve meat may be successfully grilled. The choice available ranges from large sausages grilled on the spit to that ever popular wiener or frankfurter on the grill.

When grilling sausage, the same simple rules that are used in grilling any food apply. Slow even heat provides a more tasty, juicy and falvorful finished product than does a hot fire.

Remember that outdoor living frequently increases the appetite. When preparing sausages on the grill, be sure there are enough to satisfy hearty appetities.

Pork - An Important Food

Foods are divided into groups according to their major nutritional contributions to the diet. As a team they include all the nutrients needed from a wide variety of foods. These are the protective foods for fitness - for every day in meals and snacks - to bring out the best in you.

Each food supplies at least one essential nutrient but no one food provides all the nutrients in the amounts needed. The interdependence of the four food groups in providing the required amounts of all the essential nutrients every day is how this food guide works to achieve a balanced diet.

Pork is an important food of the **Meat Group** and is a key source of many essential nutrients (2 or more servings per day from this group are recommended). Pork is an excellent source of body-building protein and is not high in fat. Its high-quality protein contains all of the essential amino acids needed to build, maintain and repair body tissue and help fight infection and disease. The mineral iron, together with the complete protein, is vital in the formation and maintenance of red blood and the prevention of anemia.

Pork is a major dietary source of the B vitamins, especially thiamin (3 times as much as any other food source). It is one of the most completely digestible and utilized foods. Pork reflects more than good eating in its outstanding nutritive value that means so much to health and well-being.

Pork Selection

Pork is available as fresh, cured (pickled), smoked and canned. Pork is also processed alone, or in combination with other meats, as sausage and ready-to-serve meats. Pork cuts are equally popular for outdoor cookery or in the kitchen.

For pork roasts, choose loin cuts (bone-in or boneless) - fresh or smoked picnics, fresh roasts (Boston cut), smoked rolls (butts); fresh hams (legs), bone-in or boneless; smoked hams and Canadian-style bacon. There are skinless hams; skinless, shankless hams; semi-boneless hams; boneless hams; half hams; shank and butt portions; ham pieces. The smoked cuts may be the "fully-cooked" or "cook-before-eating" type.

Spareribs, back ribs and country-style backbones may be selected for many occasions.

Chops and steaks include loin and rib chops, fresh and smoked; Frenched rib chops; butterfly and other boneless chops; chops with a pocket for stuffing; sirloin chops; shoulder chops and steaks; porklets and smoked ham slices.

Sliced Canadian-styled bacon, bacon, fresh and smoked hocks add further variety.

Pork offers fresh sausage in many forms and a variety of cured and smoked sausage items. Canned hams, picnics and other canned pork products can also be added to this array.

Pork variety meats are available as heart, brains, liver, kidneyks and tongue.

Care and Storage

FRESH PORK should be stored in the coldest part (temperature as low as possible without actually freezing the meat) of the refrigerator or in the compartment designed for meat storage.

Fresh pork prepackaged for self-service should be stored in the refrigerator in the original wrapping not to exceed 2 days, or it may be frozen without rewrapping and stored in the freezer 1 to 2 weeks. For longer freezer storage the original package should be overwrapped with special freezer material.

Fresh pork, not prepackaged, should be removed from the market wrapping paper, wrapped loosely in waxed paper or aluminum foil and refrigerated, as prepacked meat, not to exceed 2 days.

COOKED PORK should be wrapped, or covered, and stored in the coldest part of the refrigerator within 1 to 2 hours after cooking.

SHEETZ REAL ESTATE

323 W. Main St. Mount Joy, Pa.

LANC. LEBANON CO. FARM

MT. JOY TOWNSHIP
3 Miles North of
Drumhellers Garage.

125 Acres

65 TILLABLE 3- MEADOW

26 WOODLAND

DAIRY 40 STANCHION
TWO SILOS & BARN CLEANER

Brick Farm House

4 Bedroom & Bath. Modern Kitchen, Oil H W Heat $186,500

WILL SUB DIVIDE

99 Acres - 65 Tillable - 34 Pasture & Buildings	$155,000
80 Acres & Buildings - 54 & Woodland	$120,000
54 Acres & Buildings - 34 Pasture - 20 Tillable	$ 81,000

CALL

RAY N. WILEY INS. AGENCY

653-1481

classified ads

Mail Box Market

For Sale - 5 year old saddlebred buggy horse, broke and ready to drive. Abner F. Stoltzfoos, Lamparter Road, Box 383, Quarryville RD3, Pa.

For Sale - 1965 Ford truck, F100, ½ ton green pickup, 48,000 miles, 8 ft. bed, new inspection, runs good, $395, or best offer, phone 717-665-6482

For Sale - 23 feeder pigs. 717-838-1898

Mail Box Market

Wanted - 3 pt. hitch cement mixer. Calf tie stalls. 717-548-2640

For Sale - 2 cow mats 48 x 70. Also 30 feeder pigs. Benuel B. Fisher ¼ mile South of Nickel Mines store, Paradise RD1

For Sale - Guernsey cow fresh within next two weeks. Also Clover seed, cleaned. Daniel H. Martin, Stevens RD2, Pa. 17578 at Red Run

110 ACRE PERRY COUNTY FARM

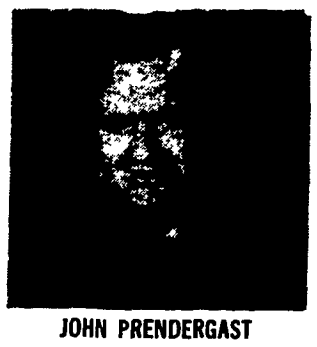
- 106 Acres Tillable
- 2-10 miles Road Frontage
- Dairy or Beef Farm
- Buildings in Excellent Shape
- 7-Room Brick House w-New Hot Water Heating System

$80,000.

AVAILABLE UPON SETTLEMENT
Financing Available With Reasonable Rate

Phone (717) 436-8628

Buy-Rite REALTY



303 Elton Hills Drive N.W.

Rochester, Minnesota 55901

JOHN PRENDERGAST

FARM SHOWINGS

OF PRODUCTIVE MIDWESTERN FARMS AND FARM LAND AVAILABLE FOR IMMEDIATE POSSESSION

Mon. Jan 6 - 1 30 and 7 30 P M Holiday Inn Lewistown Pa

Tues. Jan. 7 - 7 30 P M Hershey Hotel (on top of the hill) Hershey Penna

Thurs. Jan 9 - 7 30 P M Farm & Home Center 1383 Arcadia Road Lancaster Pa

Watch for other towns same week throughout Southeastern Pennsylvania

ROCHESTER AND SOUTHERAN MINNESOTA'S LARGEST REAL ESTATE FIRM

Offices in:
Rochester 507—288-6909
Kasson 507—634-7730
Dodge Center 507—374-6328
Lewiston 507—523-2482

Real Estate

BERKS CO., PA. - 108 Acre Dairy farm, mostly tillable, limestone, pond, large barn and 63 stall barn, pipeline for 20 cows, 2 large silos with large machinery building, convenient 4 bedroom house, hot water heat. Dairy and Machinery also for sale. Will finance on contract. Neighboring 100 acre farm for rent by owner. Eugene M. Heller, RD1, Robesonia, Pa. 19551, Phone 215-693-3207

Farmer wishes to Rent corn ground in Southern or Western section of Lancaster County. Write Box 266C, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543.

FREE

Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 25 words; All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper; No business advertisements accepted.

Wanted - Old tractor any condition. Disc harrow and cultipacker plus an International solid-state fencer. Phone 717-872-6272

For Sale - 10 Holstein cows, 6 Reg. Best offer entire herd. Mile East of Mastersonville, Harry K. Brandt, RD4, Manheim, Pa.

For Sale - 1-50 lb. new can of fresh lard, white and flaky, 55 lb. Wood of all kinds for sale, cheap. Call after Noon Hr. 827-7748

For Sale - Badger barn cleaner, complete with 220 ft. chain, good condition, used 1½ years. Michael S. Lapp, Gordonville RD1, Hollander Road, Pa. 17529

For Sale - Oak cattle racks for 55 Chevy pickup $15. 37 Chevy pickup for parts. Gas hot water heater works OK $5.00. 684-5352

For Sale - New web for International 175 manure spreader complete, new cross bars and new chain $100.00 Phone 215-932-8943

For Sale - Registered Polled Dorset sheep. Ewe lambs, Ram lambs, aged Ewes. Nix Besser Farm, RD2, Narvon, Pa. 17555, Phone 717-354-5640

Wanted - Brass sleigh bells any condition including cracked or broken, small or large amounts. Donald Maugle, 339 Franklin Street, Quakertown, Pa 18951, 215-536-8291

For Sale - 701 New Idea unisystem with cab, combine 11 ft. head, 726 husking unit, 720 corn head, fits on combine. Call 717-933-8336

Real Estate

Looking for milder climate, lower taxes, crabs, oysters and fish? Then consider the Eastern Shore of Maryland. We have a dandy farmette near the water. 25,000 capacity, dully automated broiler operation in production yielding $12,000-$14,000 per year income. Nice modern home. Priced to move at $44,500.00.

Write or Call -
TIDELAND PROPERTIES, INC.
Julian G. Hopkins
6 N. Washington St.
Easton, Maryland 21601
Ph: (301) 822-74444

FARM FOR RENT - 300 acres, half tillable located in No. Central Penna., 71 tie ups, pipe line, bulk tank, silos, remodeled home, available March 1st. References and experience a necessity. A well kept farm and home that must be maintained in the same manner or don't reply. Owner retiring. Write Box 266F, c-o Lancaster Farming, Lititz, Pa. 17543

52 acre farm in Morrisons Cove, Bed. Co. Never failing spring through yard. Contact Bernard O. Snider, New Enterprise, Pa. 16664

TRY A CLASSIFIED

Real Estate

BUILDING FOR SALE - The windstorm has wrecked a large portion of our Community Sale Building. Size - 23x78, with roof and walls of Channeldrain Galvanized Roofing. It will be sold "as is" by the auctioneer at the next Community Sale, Sat., Jan. 4th, 1975 at 1:00 p.m. W. L. Zimmerman & Sons, Ph: 717-768-8291, Intercourse, Pa.

For Rent

For Rent - Farm house in Bethel Township, 8 rooms and bath. Oil heat. Coal cook stove and electric stove furnished. Available March first for honest, sober, reliable tenants with good references. Please write P O Box 481, Reading, Pa., 19603, giving phone number or directions to your present home.

Help Wanted

Persons wanted to work on dairy farm, must have experience, house provided, good starting wages. Phone 717-397-0869

Versatile person to work on large dairy farm. Give qualifications and references. Write Box 266E, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

Services Offered

Repair Service
All types small engines
Wisconsin and other power units
Kohler Sales & Service
Ridge Repair Shop
Phares S. Auker
RD3 Ridge Ave.
Ephrata, Pa. 17522

Trucks

For Sale - Chevrolet truck, 1974, (65 Series) power steering, power brakes, new 20 ft. cattle rack, 12,500 miles, owner retiring, Ph: 717-789-3636

Feed & Seed

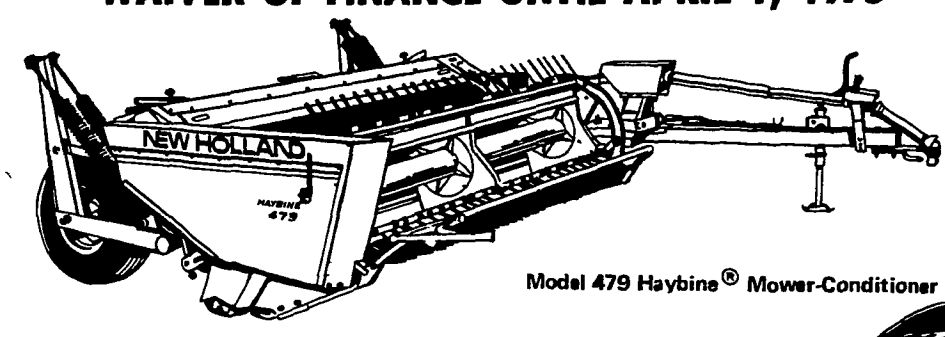
FARMERS...Bring your grains to us and we will roast them for you. Quarryville 717-786-3435

Wanted to Buy - Feed Wheat, Barley, or Rye. Phone 442-4632 daytime.

Help Wanted

Man, wife and 15 yr. old son looking for job in dairy, poultry or swine. Have some experience in all. Man and wife will both work and son will work in spare time. Must have housing, garden and fair wage. Phone 1-717-566-3544

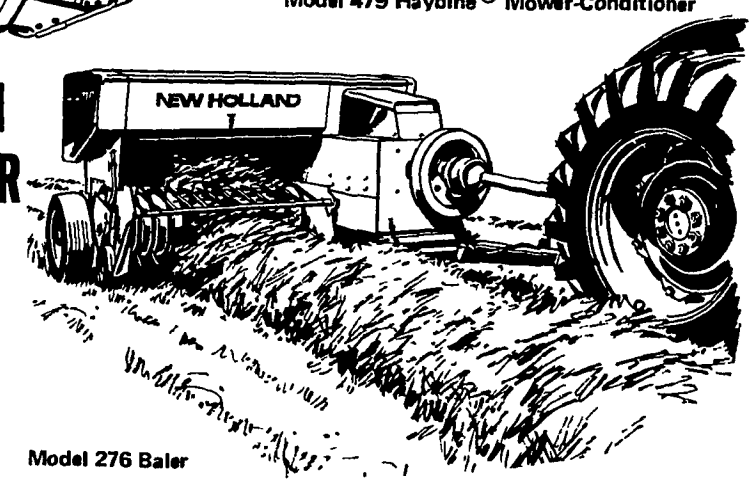
WAIVER OF FINANCE UNTIL APRIL 1, 1975



Model 479 Haybine® Mower-Conditioner

CHECK WITH US NOW FOR YEAR-END SPECIALS.

BALERS
HAYBINES
RAKES
MOWERS



Model 276 Baler

TRACTORS

Farmall 856 (Perfect)
Farmall Super C - Fast Hitch
International 354 3 pt Hitch
Ferguson 30 - 3 pt. Hitch
Massey-Ferguson Super 90 Gas

LAWN EQUIPMENT

7 H.P. A.C. Scamper
7 H.P Cadet
New Holland 12 H P Hydro Mower & Snow Blower
Cadet 124 w/48" Mower
Jacobson Riding Mower

December Special
McCurdy GRAIN BOXES.

USED EQUIPMENT

NH Super 68 Baler w/thrower
(2) NH 469 Haybine
NH 331 Spreader
9 ft Offset Disc
9A Disc - 8 ft
32 Transport Disk Harrow
(2) IH 650 Harvester w/screen
NH 717 Harvester w/1 row head
(2) 401 - 12 ft Spring Harrows (Like New)

USED CARS & TRUCKS (LIKE NEW)

(1) 1974 Scout 800 4 x 4 (7000 miles)
(1) 1972 Travelall Model 1110
(1) 1962 Scout 80 4 x 4
(1) 1973 Chev Impala
(1) 1962 Dodge Pickup ¾ Ton

MESSICK FARM EQUIPMENT INC.

2750 N. Market — Elizabethtown, Pa.

Phone 367-1319
John Kreider Home 367-6039

classified ads

Phone 394-3047 or 626-2191

Help Wanted

SERVICE REPRESENTATIVE
For rapidly growing farm equipment manufacturer. Must be willing to travel and able to accept responsibility. Must have excellent mechanical aptitude and be able to communicate with people. Should be able to drive truck. Some familiarity with farm equipment helpful. Good wages, travel expenses, life insurance, hospitalization, vacation.

Field Queen Division
Hesston Corporation
1260 Manheim Pike
Lancaster, Pa. 17601
392-7795 or 8223
An Equal Opportunity Employer

Opening for individual who is acquainted with Dairy Farmers within 150 mile radius of Lititz.

One qualified to sell and manage direct Agri-Business Sales. Business established 25 years.

Excellent salary, hospitalization, holidays, vacation and year end bonus.

Write Box 266D, c-o Lancaster Farming, Lititz, PA 17543.

Help Wanted - Man to work with breed sow herd and general farm work. Experience with animals helpful, house can be made available. Call 717-665-3248 after 5.

Livestock For Sale

Purebred Duroc Boars. Service Age, 3 excellent bloodlines with fast rate of gain. Registration is available. Phone 717-733-6694

Hampshire and Yorkshire Service Age Boars and Bred Gilts. Contact John Strawbridge, Stewartstown, Pa. 17363, Phone 301-996-2022

Services Offered

Carpenter work. Will build houses, pole barns, cow barns, chicken houses. Will do all kinds of concrete work. Write Samuel S. Lapp, Christiana, Pa. Box 388, 17509. Call driver 717-529-2992, 215-384-2415.

Cow clippers repaired, blades sharpened. Used Clippers for Sale. Don Lohr, RD6, Lancaster, PH: 717-872-5503

Situations Wanted

Young man looking for farm work. Experienced in dairy, beef, and swine. Can do poultry. Will start immediately. Call 717-838-4047 after 5 p.m. or write D. M. Popp, RD1, Box 274 Edison Road, Palmyra, Pa. 17078

TRY A CLASSIFIED

Livestock For Sale

For Sale - 5 registered Holstein Heifers. Due in Jan. Sired by ABC bulls. Good pedigrees. For more information call Clarence Martin, Sinking Spring, Pa. 215-678-7813

Yorkshire and Duroc Service Boars. Delivery available.
LEON L. ARNOLD
Lebanon, Pa. 17042
Phone: 717-273-5880

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, RD2, Strasburg, Pa. 717-786-2562.

For Sale - Chester White and Poland China Service age Boars and Gilts. James Parlett, Airville, Pa. Ph: 862-3610

For Sale - 2 Springing, Registered, Holstein heifers. Herd on DHIA and using AI, Edward Wiand, RD1, Mifflinburg, Pa. Phone 717-966-1274

Fresh and Springing Holstein Heifers for sale, 3 registered and 2 Grades. Phone 717-529-6372

For Sale - 200 Feeder Pigs (White). Israel Stoltzfus, Kirkwood, Pa.

Wants to Buy - Red & White Holstein Calves. Kenneth D. Myer, RD3, Elizabethtown, Pa. Phone 717-367-3344.

Livestock For Sale

SPF Origin Hybrids bred to meet demand of commercial producer. Excellent litter size and growth rate. Final cross is four-way cross which adds vigor and carcass quality. Jet Age Swine Breeders, Inc., Abram K. Fisher, Jr., Manager. 717-768-8378

Yorkshire Bred Gilts to farrow late December and January.
BROOKS END AND PAR-KAY FARMS
Beavertown, Pa.
Phone 717-658-5821

Need Extra Income? Raise hogs on contract. Phone 768-3301 daytime.

Registered Hampshire, Yorkshire boars and gilts. Preston Bankert, RD3, Red Lion, Pa. Phone 717-244-1244

Chester White service boars, same breeding as 74 National Barrow Show Fourth place overall Chester Carcass. Herb Schick, RD2, Kutztown, Pa. Phone 215-285-6519

Livestock For Sale

For Sale - Registered Holstein bull calf, born 11-25-74, Sired is Pawnee Farm Arlinda Chief, dam Hilltop Apollo Ivanhoe, dam record - 5 yrs. 20,332 M, 3.6 percent test, 740 lb. butterfat. Maurice F. Welk, RD2, Quarryville, Pa. PH: 717-786-2752

Purebred Boars and Gilts. Daily gains and days to 220 pounds are available. Confinement raised. Carcass Champions at recent Keystone Expo and Eastern National Livestock Shows. Dutch Valley Farms, RD5, Manheim, Pa. 17545, Mark Nestleroth 717-665-6220.

Custom Work

Miscellaneous

For Sale - 1963 Cushman Scooter, mechanically sound, $125. Phone 215-445-6175

Pets

For Sale - Chihuahua and Eskimo mixed pups. Ephraim Miller, Christiana RD1, Pa.

CUSTOM HAULING
for
GRAIN and
GENERAL FARM
COMMODITIES
717-442-8206 or
717-442-8153

CUSTOM SAWING
FOR SALE
Locust Posts.
1 x 6 Fence Boards
Oak, Poplar, Walnut and Wild Cherry Lumber
For Sale at all Times.
FREY BROS. MFG.
Quarryville, Pa.
Phone 717-786-2146

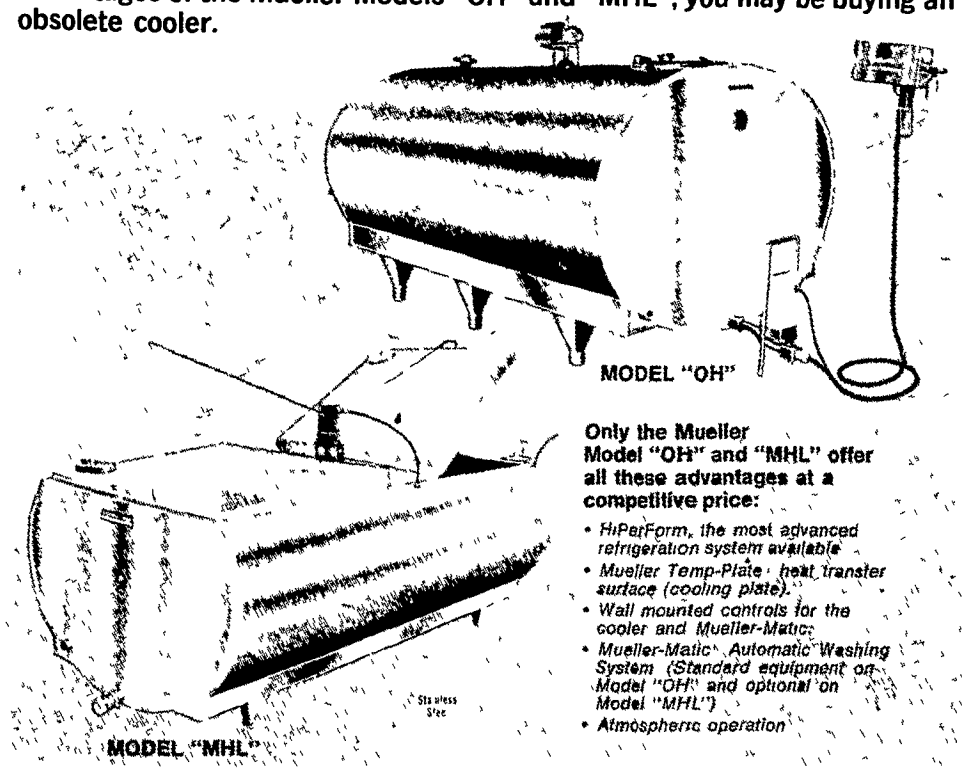
"YORKSHIRE WINTER SALE"
Wednesday, Jan. 15
AT THE FARM.
60 Bred Gilts, 100 open Gilts, 25 Service Boars Our usual high quality stock Certified/meat type, production tested, Champion Bloodlines
Brooks End & Par-Kay Farms
Beavertown, Pa.
Reno Thomas Sale Mgr
Catalogues available
Phone 717-658-5821

CUSTOM DRYING
AND
BUYING GRAIN
CONESTOGA VALLEY GRAIN
Phone 717-354-9258

SPECIAL OF THE WEEK
DEC. 30 thru JAN. 4
NEW 1250 O.H.

The Mueller Models "OH" and "MHL" with HiPerForm make all other bulk milk coolers obsolete.

If you are in the market for a bulk milk cooler and you don't check all the advantages of the Mueller Models "OH" and "MHL", you may be buying an obsolete cooler.



Only the Mueller Model "OH" and "MHL" offer all these advantages at a competitive price:

- *HiPerForm, the most advanced refrigeration system available*
- *Mueller Temp-Plate heat transfer surface (cooling plate).*
- *Wall mounted controls for the cooler and Mueller-Matic*
- *Mueller-Matic Automatic Washing System (Standard equipment on Model "OH" and optional on Model "MHL")*
- *Atmospheric operation*

425 gal. Esco
New 18 can (Can Coolers)
150 gal Mojonnier
10 H P. Deutz
SR1 Lister
300 gal Mojonnier
250 gal M S

QUEEN ROAD REPAIR
Box 67, Intercourse, Pa. 17534
Phone 717—768-7111

After 5 P.M.
JOHN D WEAVER 656-9982 — KENNETH M GROFF 354-0473
GID DIENNER 768-8521
OR Answering Service 354-4374
24 Hour Service

We Stock Hess' Farm Supplies, Check Our Prices on Animal Medications

Coming...

Saturday, January 4

Lancaster Farming's Annual

PA. FARM SHOW ISSUE

Featuring . . .

- ★ Special Farm Show Stories
- ★ DHIA Reports
- ★ Keystone Farmer Degrees
- ★ Complete Farm Show Schedule
- ★ And Many Extra Features

ADVERTISERS: Plan Now to be represented in this Special Issue. Deadline December 30.

classified ads

Miscellaneous

GROW FOOD WHOLESALE

Herbs, combined field beans, organic grain, buckwheat (high priced late season crop), vegetables fresh and for canning, freezing, drying.

Come, meet big city wholesale buyers at New Holland Fire Hall on Dec. 30 at 1 o'clock, second session at 7 o'clock, to discuss plans for a new wholesale market arrangement and facilities in this area. Herbs are very profitable with family help. Special organic markets also considered. Quantity produce needed to make the market practical, therefore invite many others.

For Sale - 20,000 BTU perfection heater. Attach to wall outside vent like new $125.00. Big supply of plastic 5 gal. buckets with lids 50 cents 1 plate glass mirror with stainless steel edging and small sliding doors for items for bathroom, size 36 in long, 32 in. wide. Fresh eggs for sale. Elmer D. Stoltzfus, Talmage Box 4, 17580, Pa.

Wanted to Buy - Puppies, 6 to 9 weeks old, in litter lots Pure breeds and half breeds. Cash money paid. Will pickup every Friday. For resale in my pet shop. Write to Charles Hackett, 3743 N. 5th Street, Philadelphia, Pa. 19140 or call before 8 p.m. 215-229-0449. Give breed-age-color when writing. Also some kind of direction. Thank you.

Miscellaneous

CHICKEN houses insulated with sprayable urethane foam. All types of construction. For free estimate call Conestoga Chemicals & Plastics, Inc. 397-3724. After 5:00 P.M. call 872-2233.

Ceramic tile, seconds ideal for cow stable, trough and milk house walls.
ESCH FLOOR COVERINGS
¼ mile North of Bird-in-Hand, on Beechdale Road

WOOD SHAVINGS. Ideal for work-ways and bedding. $15.00 per ton picked up or bulk load at $150.00. Less expensive than straw or tanbark. Contact Bob Geist at Leola Supply Co. Inc. Ph. 717-656-6811.

Dairy Equipment

For Sale - 3 Conde milker units, complete used about 4 years. Jacob E. Kauffman, RD1, Christiana, Pa., 17509, Box 115 Nine Points along Bell Road.

For Sale - Esco Bulk Milk Tank in good condition, calibrates at 440 gallon. Approved for any milk market. Near Cambridge. Daniel J. Stoltzfus, Honey Brook, Pa. RD2, Box 38A, 19344

Miscellaneous

For Sale - Sawdust, trailer loads, 1,500 cu. ft. $80.00, 20 mile radius delivery charge - $25.00, over 20 miles add delivery charge $1.00 per loaded mile. Phone 717-867-2212, Walter H. Weber & Sons, Rte. 241, Mt. Wilson, Pa. 17042

J. C. Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke control. Lawn and Shrubbery spraying. Free Estimates. 1278 Loop Road, Lancaster, Pa. Phone 717-397-3722

Rubber Stamps Made to Order Ink Pads Available.
Richard D. Mylin
RD2
Lancaster, Pa. 17603
Ph: 717-872-2855

Farm Equipment

For Sale - Tilt cement mixer No. 6 with or without ½ H.P. electric motor, like new, excellent condition. H. Jacob Hoober Feed Mill, Intercourse, Phone 717-768-3431

Jubilee Ford 8 N Tractor w-snow plow
New Holland and New Idea Spreaders
Serveral other loaders.
HAROLD SAMPLE
New Providence RD1
Ph: 717-786-3087

Dairy Equipment

Used Welders
180 Amp Lincoln - $100.
225 Amp Lincoln - $130.
3 used Surge Milkers, regular
3 Surge milkers, electric pulsation, mini cups.
AGWAY SUPPLY CENTER
1027 Dillerville Road
Lancaster, Pa.
Ph: 717-397-4761

Some used 12 Can Milk Coolers (good cond.)
500 gal. Esco, good cond., with compressor;
300 gal. Girton milk tank, good cond.;
CLARK ELECTRIC
RD1, Kinzer, Pa.
Ph. Interstate 768-8228

For Sale - 2 automatic Nursette Calf Feeders for 15 to 18 calves each, very good condition. 215-267-6198

Farm Equipment

Save money on your 1974 taxes by purchasing your equipment before January 1, 1975.
NEW TRACTORS
JD 830 Tractor
JD 1530 Tractor
NEW EQUIPMENT IN STOCK
Plows
JD F145 4-16" Plow
JD F 145 5-16" Plows - (1) Sold
JD F 1450 6-18" Plow
Harrows
JD HD 336 Spring Tooth Harrow - Sold
JD 230 25 ft. 7" Disc Harrow
JD 220 18 ft. 6" Disc Harrow - Sold
JD 930 12 ft. Roller Harrow - Sold
Spreaders
JD 40 Manure Spreader
JD 790 Manure Spreader, tank type
Grinder-Mixer
JD 750 Grinder-Mixer
Cultivators
JD RM 6-30" Cultivators
Blades
JD 78 Rear Blade
JD 524 Bulldozer Blade
Hay Tools
JD 350 7 ft. mower
JD 1209 Mower Conditioner
Forage Harvesters
JD 25
JD 35 w-2 row head
J.D. 216 Forage Wagon
Loaders
JD 37
JD 145
Corn Planter
JD 1460 6-row No-Til
Special Prices on
New Bush Hog Rotary Mowers 5 ft. thru 7 ft.
New JD and Alouette Snowmobiles $995.00
Sale Price $700.00
JOHN DEERE
Brillion-Bush Hog
Hesston
Highway 282
Cecilton, Md. 21913
Phone 301-275-3601

TRY A CLASSIFIED

Farm Equipment

TRACTORS
(2) J.D. 830 D
J.D. 1530 D
J.D. 3-14" Plow
J.D. 3-16" Plow
J.D. 5-18" Plow
J.D. TH336 Spring Tooth Harrow 12 ft.
(2) J.D. 1440 Planters (no-til) 4-row
J.D. No. 50 Side Mtd. Mower
J.D. 336 Baler w-No. 30 ejector
J.D. 148 Loader
J.D. 37 Loader
J.D. LF-10 Lime & Fert. Spreader
J.D. 205 3 pt. Rotary Mower
(2) J.D. 1075 Running Gears
Brillion 12 ft. Cultipacker
Brillion STT 16 ft. Spring Tooth Harrow
Brillion STT 10 ft. Spring Tooth Harrow
Brillion 10 ft. pull type Chisel Plow
Brady 722 Chopper w-throw back loader
(2) Brady 840 Choppers
Brady Soybean Cooker
(New) Bush Hog 5 ft. 3 pt. Rotary Mower
6 ft. 3 pt. and Pull Type Rotary Mowers
7 ft. Pull Type Rotary Mower
(2) 9 ft. Pull Type Rotary Mower
9 ft. Pull Type Offset Rotary Mower
(2) 10 ft. Pull type Rotary mowers.
Waiver of finance charges on New Tractors and some equipment till March 1, 1975.
MILLER'S SALES & SERVICE, INC.
John Deere-Dunham-Bush Hog-Lely
Stewartstown, Pa.
Phone 717-993-2470

For Sale - Series 1000 Mustang Skidloader with manure fork and bucket in excellent condition $3,100.00. Phone 717-354-9995.

It's Time to Turn Over a New Leaf
There's a brand new Year about to appear
. . . and we want to take this opportunity to send you our very best New Year wishes for good health and happiness . . . with a sincere "thank you."
Looking Forward to Serving You During The New Year
L. H. Brubaker, Inc.
350 Strasburg Pike
Lancaster, Pa.

Lancaster Farming Photos for Sale

If you'd like prints of any Lancaster Farming photographs, we'll be happy to make them for you. To order, just complete the form below and mail or bring it to: Photo Department, Lancaster Farming, 22 E. Main St., Lititz, PA 17543

The photo I want appeared in the Lancaster Farming dated _____

_____ It was on page _____, and the caption begins _____

_____

I would like to order the following prints.

Number of Prints	Size	Cost of each	
_____	4x5	$1.50	_____
_____	5x7	2.00	_____
_____	8x10	2.50	_____
		TOTAL ORDER	_____

(Please add 6% Pa Sales Tax)

Please send remittance with order Allow 10 days for delivery

Name _____

Street _____

Town _____

State _____ Zip _____

classified ads

Farm Equipment

Some New Pieces of Massey Ferguson Equipment in Stock.
New Gehl CB 600 Chopper
New Lamco Forage Boxes
New Kubota Tractors
USED EQUIP. SPECIALS
New Wisconsin THD Engine for Baler, Special Price $425.00
Case 411 B. Tractor
Case 350 Tractor
Case 220 Balers
Caterpiller 22 Tractor Forage Box
New Idea Spreader 165 bu.
New Idea Spreader, ground drive.
New Idea Corn Sheller
New Idea 760 Chopper
(New) New Idea Snow Blower for Uni-System.
LANC. EQUIPMENT CENTER, INC.
P.O. Box 1, Kinzer, Pa.
Phone 717-442-4186
Lancaster Customers
Phone 768-8916

Brady Stalk Chopper.
M. M. WEAVER & SONS
North Groffdale Road
Leola, Pa.
Phone: 717-656-2321

Farm Equipment

MANURE PITS
36 ft., 48 ft., and 60 ft. diameter. 12 ft. depth, circular precast concrete with gunite coated interior.
ZIMMERMAN INDS. INC.
RD1, Ephrata, Pa. 17522
Phone: 717-733-6166

For Sale - 9' Dakota dozer blade to fit large Oliver 50 or 55 series tractor. Wehler Farms, RD1, Jersey Shore, Pa. 717-753-3131 or 717-753-6929

Gehl Blender Feed Box
IH Flail Chopper
½ ton Metro Walk-in
Flail Attachments for IH & J.D. Balers.
UMBERGERS MILL
RD4, Lebanon (Fontana)
Phone 717-867-8221

POWER PLANTS ELECTRICAL PTO and engine driven alternators. 1 KW to 50 KW in stock. Dealer discounts available. Doug Johnson Ind., Inc., Elkton, Md. 21921 Ph: 301-398-3451

For Sale - B40 Gehl cutter, good condition; Leroy 50 h.p. Engine w-reduction gear; Jamesway and Louden litter carrier; also PTO corn binders, Antiques, milk cans, etc. Phone Tom Wheary 717-687-6553

1 - John Deere Model 170 Skid Steer Loader with 10 cu. ft. Bucket

1 - New Holland Model 880 Forage Harvester, 9 Knives, 1000 R.P.M. Power Take-Off, 11"x 15" Flotation Tires, Automatic Wagon Hitch.

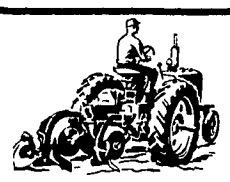
The above items are new and carry new equipment warranties - attractively priced.

I. G's AG SALES

Rte. 113, Box 200 Silverdale, Pa. 18962
Phone (215)257-5135

See Us For Your Equipment Needs:

JOHN DEERE — NEW HOLLAND — JAMESWAY
DELAVAL — BEHLEN BUILDINGS



EAGLE MACHINERY COMPANY

Route 100, Eagle, Pa.

NEW EQUIPMENT IN STOCK

Glenco 8 ft. 7" Soil Saver
Oliver 1655 Gas Tractor
(2) Hansur Post Hole Diggers, 3 pt. Hitch
Oliver 1755 Diesel Tractor
(3) 5 & 6 Ton Wagons
(1) 12 ft. 6" Brillion Cultimulcher
Ezee-Flo Fertilizer Spreader - 1000 lbs. 3 pt. hitch
Kools Blower KB-60
(2) New Rotary Mowers 3 pt. and Pull Type

USED EQUIPMENT

(2) Fords 8N and 9N
Oliver 1610 Loader for 1550 or 1650 tractor.
International 300 Utilities
30 ft. Smoker Elevator
24 ft. Smoker Elevator
(3) Oliver Plows, 2 and 3 bottom, pull trip bottom
2 used Wheel Horse tractors with mowers
5 new and used Roto Tillers.
Truck and Tractor Chains, all sizes in stock.

Phone (215) 458-5326

Farm Equipment

MONTGOMERY EQUIPMENT

USED EQUIPMENT

*Case 6 B SOLD Plow
*John Deere 32' Field Cult.
*John Deere 530 Tractor
*Case 530 Tractor & Loader
*New Holland Flail Chopper
*New Holland 365 Tank Spreader
*New Holland 880 Harvester with Cornhead & Pickup
*Case 1530B Uniloader
*IH Super M Tractor
*Gehl PTO Forage Blower
*N H 461 Haybine
*N H 469 SOLD ybine
*Case 555 Haybine
*A C. D 17 IV - 3 pt
*Ford 2000 Tractor & Loader, 3 pt
*New & Used Elevators in Stock
*Grain Boxes & Wagons
*Used Plows 3 & 5 Bottom
*D B 995 w/Dunham Ldr. Demo
*Farmall C Tractor
*M F 85 Tractor
*Case 1537 Uniloader
*Case 1737 Uniloader
*N H 1469 S P Haybine
*N H 282 Baler w Thrower
*N I Rake
*Farmall H Tractor
*Ferguson 35 Tractor w-P S & Wagner Loader
*Schwartz Heavy Duty Loader for Large Tractor (like new)
*Case 930 w/cab
*N H 69 Super Hayliner
*Badger Forage Box
*A C 780 Harvester w/2 Row & Pickup
*A C D 14 w/Hyd Ldr
*A C D 17 Tractor
*A C G Tractor & Atts
*N I Rake
*A C HD4 Bulldozer
*Case 450 Bulldozer
*N H 469 Haybine

CASE AND ALLIS CHALMERS NEW TRACTORS IN STOCK

*A C 6040 diesel tractor
*David Brown 995
*D B 885 G

HEADQUARTERS FOR NEW HOLLAND FARM EQUIPMENT
NOW IN STOCK
*Haybines — *Spreaders
*Forage Boxes — *Mixo-Mills
*273 & 276 Balers
*850 R SOLD aler

***All Models of Case Construction Equipment In Stock**
ROTARY MOWERS IN STOCK

LOADERS & BACKHOES RENTED
by the day, week or month

MONTGOMERY EQUIPMENT

Rt 273 Rising Sun, Md
301-658-5568
Immediate Financing
SALES • SERVICE
RENTALS
OPEN 6 DAYS A WEEK
OPEN EVENINGS

Large Inventory of used small engine and chain saw parts - Briggs & Stratton, Power Products, McCullough Saw and Cart Engines, Kohler, Tecumseh and Clinton. Phone 215-445-6175

Try A Classified Ad

Farm Equipment

FIELD QUEEN

Division of Hesston Corporation

FORAGE HARVESTER SPECIALISTS

FACTORY DIRECT SALES-PARTS-SERVICE

North East U.S. Largest Retail Forage Harvester Outlet.
"The Best of the West Now in the East"

CHECK OUR LATE MODEL TRADE INS:

Case W10 Diesel, 4WD Loader, 1½ yds., Ex. Cond.
Fox 7 ft. direct cut head $1,500. worth new Fox Parts
1973 Fox 3000, PTO, 1000 RPM, Chopper, rebevel grinder, 3RN, Grass Pickup, new Fall of '73.
1969 Oliver S.P. 840 (Fox Type) Det. 4-71, 2 R.W. Fox Corn Hd., Grass Pickup, good condition.
Fox 10 ft. direct-cut, good cond., Priced to Sell.
N.I. Uni-702 V6 w-chopper, GPU, 2 RW Snapper for high moisture corn, 1260 hrs. excell., all crop plus high moisture ground ear corn. Set up at a reasonable price. SOLD
IH 50 P.T. w-2 RW $700.
Fox Super D, 504 CID, V8 Rebevel Grinder, Cummins, Choice of Heads.
IH 555 2RN & W.P.U. good cond.
IH 55 Chopper 2-row & Windrow pickup, good cond.
Fox SPF self propelled, 2 RW and WPU, priced right
Fox Max 1 V671 Det., 2 RW and WPU, very good condition.
Hesston 2000-100 PTO Chopper, WPU, 2 RN Heads.
Fox Super D, Det. 4-71, 3-30 Corn Head Model 263, WPU Model 476.
1974 Field Queen Demo. 46 hrs. 210 H.P. Cat. Diesel, Cab, choice of heads, new warranty.

1975's Have Arrived
S.D. Wagons in stock.

FIELD QUEEN,

LANCASTER
1260 Manheim Pike
Lancaster, Pa. 17601
717-392-7795
Used Equipment Lot
1278 Loop Road

New Idea 212 Spreader
Used Lawn & Garden Tractors and Snow Blowers
ROY H. BUCH, INC.
Ephrata 859-2441

For Sale - Massey Ferguson 410 Combine good condition, 13 ft. grain head, 3 row 30" corn head. Phone 215-944-9881 or 944-7512

USED EQUIPMENT
New and Used Hammer Mills and Mixers
Hesston Stackers
GRUMELLI FARM SERVICE
Quarryville Phone 786-7318

Farm Equipment

Used John Deere Model A Tractor with 45 loader.
EVERGREEN TRACTOR CO., INC.
30 Evergreen Road
Lebanon, Pa.
717-273-2616

550 Int. PTO Spreader w-hyd. end gate
COPE & WEAVER CO.
New Providence
786-7351

STANDBY POWER PLANTS
New and Used
in Stock
1 KW to 55 KW
DOUG JOHNSON IND.
Elkton, Md. 21921
301-398-3451
(398-3528 Nite)

Massey Furgeson, Ford, Oliver, Case, David Brown, John Deere, Allis Chalmers, Moline, Deutz and other makers. 25 Tractor Loader and Backhoes, 12 Skid Steer Loaders, 7 Grinder Mixers, Corn Shellers, New & Used Manure Spreaders, Mounted and Trailer Plows 1-6 Bottom, 2-3-4 Bottom Rollover Plows, and Disk Plows. Fert. Spreaders, 2-4-6-8 Row Corn Planters, Cultimulchers, Cultipackers, Disk Harrows, Graham Plows, 2 & 4 row Cultivators, Wheel Rakes, Elevators, Blowers, Roto Bar Rakes, Road Graders, 4 Wheel Drive Pay Loaders, Fork Lifts, Trenchers, Crawler Tractors. Portable Welder, 2 & 3 Point Scraper Blades, Snow Plows, Snow Blowers, Tractors with Loaders. Hundreds of Wheel and Crawler Tractors. Clyde E. Keener 1531 Manheim Pike, Lancaster, Pa. 17601. Intersection of Rts. 72 & 283. Phone 569-9861. (717).

CLYDE E. KEENER
Intersection of Rt. 72 and 283
1531 Manheim Pike
Lancaster
Phone 717-569-9861

Farm Equipment

SERVICES & REPAIRS
For Allis Chalmers, New Holland, Starline, VanDale and other farm equipment.
USED FARM EQUIPMENT
N.H. 68 Baler
(1) 30 ft. N.H. Elevators
N.H. 516 and 517 T Spreaders
Case 140 Spreader
Starline Tank Spreaders
12 ft. Dunham Cultimulcher
Woods Rotary Cutter
Tractors
J.D. "A"
A.C. C, CA, WD

ROY A. BRUBAKER SALES • SERVICE
700 Woodcrest Ave.
RD3, Lititz, Pa.
Phone: 626-7766

For Sale - P.T. 7 Hesston Windrower. Ephraim Miller, Christiana RD1, Pa.

GENERATORS

PTO, Engine Driven, Gasoline, LP Gas, and Diesel

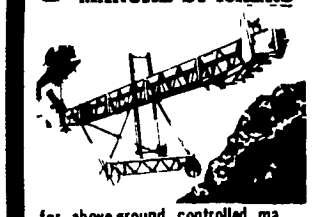
Leonard Martin Co.

330 Fonderwhite Road
Lebanon, Pa. 17042

WINCO DISTRIBUTORS

Ph: 717-273-6478

PATZ MANURE STACKERS



for above-ground controlled manure storage.

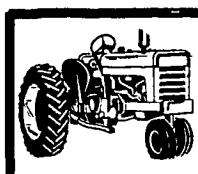
Model 366 Stacker (shown) conveys manure from your present barn cleaner to holding area
Model 400 Stacker conveys manure from gutters to holding area in one operation
STACK MANURE ANYTIME spread when fields are ready

TERRE HILL SILOS

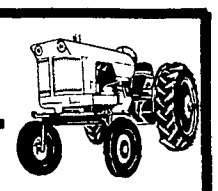
Your Lancaster Co. Dealer

LANDIS & ESBENSHADE
Box 5 Kirkwood, Pa
17536
Phone 717 — 786 4158

Service after the Sale



USED EQUIPMENT

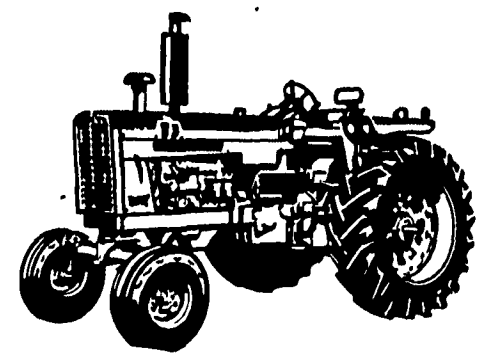


Late John Deere 4020 Diesel w-Console Hydraulics
Farmall 706 w-German Diesel
Int 606 w-Int. 2000 Loader w-Shuttle Reverser.
Minneapolis Moline 4 Star w-Heavy Loader
White-Oliver 550 Industrial tractor w-Loader.
Int 203 Combine, real clean.
Int. 205 Combine w-cab, grain and corn heads
Oliver 1950 T.
John Deere 630 and others.
1967 Int. 1890 Loadstar w-Air Brakes

RAYMOND B. LEAMAN

Willow Street RD1 Ph. Lanc. 464-2480
Midway between Lancaster & Quarryville
off Rt. 222 (Take Brenneman Rd
at Graybill Bros. Garage, Refton)

USED TRACTORS



FARMALL

(MORE COMING)

- Farmall 70 Hydro
- Farmall 966
- Farmall 766
- Farmall 1466
- Farmall 806
- Farmall 1468
- Farmall 460
- (4) Farmall H
- Farmall 660
- (2) Farmall 230 w/cult.
- (2) Farmall 1026
- Int. 2500 A w/Loader
- Farmall 340
- (5) Farmall 504
- (3) Int. 404
- Farmall 200 w/cult.
- (5) Farmall Cub w/Attach.
- Farmall 400
- (5) Int. 544
- (3) Farmall 656 Diesel
- Farmall Super C
- Farmall 1066
- (2) Farmall 666
- Int. 350

Allis Chalmers

- A.C. 7030 w/cab
- A.C. B w/cult.
- (2) A[SOLD]0 D
- (2) A.C. 160
- (4) A.C. D19 D & G
- A.C. 190 XT
- (2) A.C. G w/Mower
- A.C. 1[SOLD]/Cab
- A.[SOLD]
- A.C. 7050 w/Cab

FORD

- Ford Jubilee
- (5) Ford 5000 D
- (2) Ford 640 w/Loader
- (2) Ford 860 w/Loader
- Ford 7000
- Ford 4000 w/picker
- Ford 8N
- (2) Ford 6000
- (2) Ford 4000

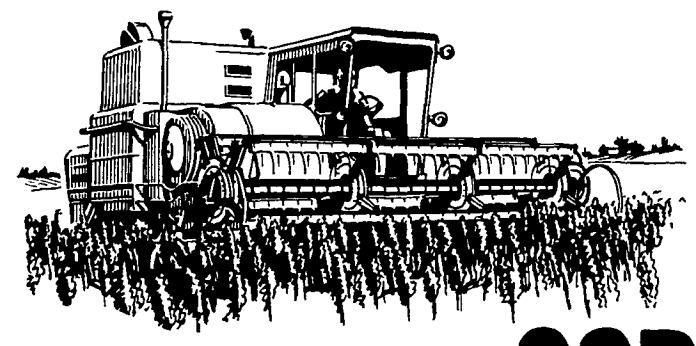
OLIVER

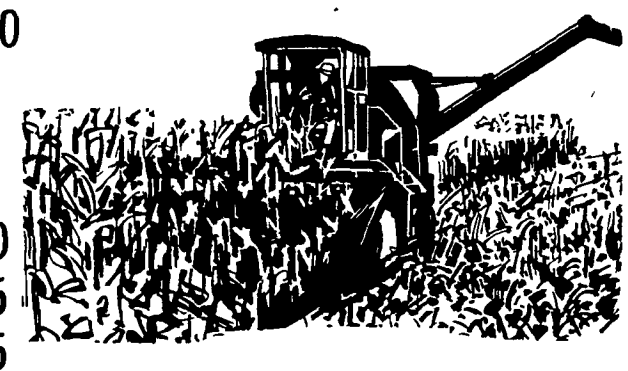
- Oliver 1950 T
- Oliver 77
- Oliver 1650
- Oliver 2055 w/duals
- Oliver 244 w/Loader
- (2) Oliver 1850
- (7) Oliver 1855
- (7) Oliver 1655
- Oliver 1950 GM

JOHN DEERE

- J.D. 1530
- (2) J.D. 1010 w/cult.
- (2) J.D. 60
- (2) J.D. 3020 D
- (2) J.D. 2520 D
- J.D. MT
- J.D. 4320
- (2) [SOLD]530
- J.D. 530
- (3) [SOLD]130
- J.D. 1020
- J.D[SOLD]
- J.D. 6030
- J.D. 4230
- J.D. 50
- J.D. 520
- J. D. B
- J.D. 3010 Utility
- (4) J.D. 4020 D
- J.D. 2510 D
- (3) J.D.A.
- J.D. 4520
- J.D. 2010 w/Loader
- J.D[SOLD]0

COMBINES





Massey Ferguson

- M.F. 1080 D w/cab
- (2) M.F. Super 90
- M.F. 30
- M.D. 180

CORNHEADS

Misc. Tractors

- Leyland 384
- (3) D.B. 1200 D
- Case 930 D
- MM 302 w/Loader
- (2) Case 1030 w/Cab

Thank You . . .

For Your Patronage In 1974

LOOKING FORWARD TO SERVING YOU BETTER IN '75

MYERSTOWN, PENNSYLVANIA 17067
25 Miles East of Harrisburg
½ Mile from
Lebanon Valley Airport

Wenger's
FARM & INDUSTRIAL EQUIPMENT

TELEPHONE
(717) 866-2138
NIGHT (717) 866-7147
"Home of Quality"

classified ads

Local Classified Advertising Rates

Use This Handy Chart To Figure Your Cost

Wofds	(1) Issue	(3) Issues
14 or Less	$1.00	$2.40
15	1.05	2 52
16	1.12	2.69
17	1.19	2.86
18	1.26	3.03
19	1.33	3.20
20	1.40	3.36

KEYED ADS (Ads with answer coming to a Box Number. c-o Lancaster Farming): 50c additional.

Ads running 3 or more consecutive times with no change billed at 20 percent discount with $1.00 minimum.

Deadline: Thursday of each week's publication

Lancaster Farming
P. O. Box 266
Lititz, Pa
Ph. Lancaster 394-3047 or
Lititz 626-2191

John Blue truck-mounted sprayer, 40' booms, 500 gal. alum. tank, 1 ton Chevy truck, L-4000 pump. Call 301-658-5144

DISTRIBUTOR FOR

SLANZI DIESEL ENGINES

7½ to 65 HP Air Cooled. Can be mounted on various pieces of equipment. Also Good used Diesel Engines.

Call
Horning's Warehouse
717-354-7792

If no answer call
717-354-4374

DIESEL & GAS SALES & SERVICE

SMUCKER'S ENGINE SHOP

RD1, Gordonville, Pa. 17529

Also for complete refrigeration service call Titus H Horning 717-354-5768

AGRI-EQUIP.

Cattle — Hog — Poultry Equipment

PLUMBING and ELECTRICAL

R.D.#2
EPHRATA, PA. 17522
?FARMERSVILLE]

PHONE
BUS. 717—354-4271

FREY BROS. MFG.

QUARRYVILLE, PA. PHONE (717) 786-2146

Farm Gates	Automatic
Head Gates	Wagon Hitch
Calf Creep	Ritchie Waterers
Steel Fence	Electric Gates
Free Stalls	Al Chutes
Loading Chutes	Ear Tags
(Slop Stops)	Feed Bunks
Steel Buildings	Hay Racks

WRITE FOR FREE CATALOGS

Farm Equipment

HEITZMAN EQUIPMENT, INC.

Used 3414 International Diesel Loader Backhoe w-Two Buckets $4500.00

JD Model 310 Loader Backhoe, excellent condition.

Used 1971 - 450 Case Crawler Loader 70 percent Undercarriage $8500.00

Reconditioned Fork Lifts 2000 to 7000 lb. capacity from $1500 to $5500

New Case & Massey Ferguson Equipment available for immediate delivery.

1974 Case 450 Crawler Loader, repossessed machine, 133 hrs., Priced to sell.

1973 Case 680C tractor Loader Backhoe complete w-cab, repossessed machine, priced to sell.

Glenmoore, Pa.
Phone: 215-458-8525

For Sale - Owatonna 1000 4 wheel drive Bob Cat, excellent $3500.00; DeLaval dumping station complete with releaser and washer $150.00; 3 H.P. belt driven compressor less motor $75.00.

CURRY SUPPLY
Curryville, Penna.
Ph: 814-793-2829

Wanted - Used Cement mixer with or without motor, good condition. Phone 717-529-6239

TRACTOR & MOTOR REPAIRS

Over 20 years experience with Ford tractors and equipment.

Shop & Road Service
Pickup and Delivery

Walt Stively, Jr.

Springville Road
Quarryville RD3
Phone 717-786-2252

Farm Equipment

case

New Equip. Tractors

(1) 1212 David Brown (4 sp. power shift)
(1) 1210 David Brown
(2) 990 David Brown

Case garden tractors - 1975 Models -8 to 16 H.P. in stock w-mowers, snow blwer, blades, tillers, trailers, lawn rollers

(3) 580 Backhoes
(1) 1816 Uniloader
(1) 1830 Uniloader

New Equipment

(4) 5 ft. Blades
(2) 6 ft. Blades
(1) Hawk Bilt tank spreader 4 ton capacity
(2) Hawk Bilt tank spreaders 5 ton capacity
(1) Case 1 Ton Roller
(1) Case 1½ Ton Roller, Front & Rear Drive
(1) Dunham loader (fits 990-995 B.D.)
(1) Case loader (fits 430-530 Case)
(1) Bear Cat Grinder Mixer (reduced price)
(2) 5 ft. rotary cutters
(3) 6 ft. rotary cutterrs
(1) Case 4 bot. automatic reset plow
(1) Case 3 bot. plow
(2) 10 ft. cultipackers
(2) 13 ft. cultipackers
(1) Century trailer sprayer
(3) Century 3 pt. sprayers
(2) 16 ft. Kasten Forage Boxes
Running Gears 6, 8, and 10 ton
(1) 38 ft. elevator
(1) 5 ft. 3 pt. disc Harrow

Used Equip. Tractors

John Deere 500 A Backhoe Loader
Case 310 w-industrial loader (coming in)
(1) Case 930 Diesel
(1) International 706 Gas
(1) Case 400 Gas
(1) Massey Ferguson 165 Deisel
(1) Massey Ferguson 65 Gas
(1) Ford 9N
(1) Case 680 Backhoe
(1) Case 220 Tractor w-mower
(1) David Brown Backhoe and Loader

Used Equip.

(1) Ferguson 3 pt. cultivator
(1) Post Hole Digger
(1) 2 section Spring Harrow
(1) International 4 bot. plow
(1) Case 3 bot. plow
(1) Freeman loader (fits 430-530 Case)

BINKLEY & HURST BROS.

Lititz RD4, Pa.
Ph: 626-4705
on Rothsville Station Road
Farm & Ind. Equipment
Open Mon. thru Fri.
7 A.M. to 5 P.M.
Evenings and Sat.
Call for Sales, Parts, Service 626-4705

case

Farm Equipment

WHITE
Farm Equipment

NEW EQUIPMENT

Oliver 1655 Dsl. Tractor
Oliver 1465 Diesel Utl. Tractor
Oliver 1365 Diesel Utl. Tractor
Gehl 2500 Hydra. Cat Ldr.
Brillion 10 ft. Pulverizer
Brillion 9 ft. 3 pt. Chisel Plow
Woods 5 ft. 3 pt. Rotary Mow.

USED EQUIPMENT

Oliver 1650 Diesel
Oliver 77 Gas
Ferguson Utl Tractor
Oliver 361 3B Cush. Trip Plow
Oliver 361 2B, Cush Trip Plow
N I 60" Rotary Cutter

USED LAWN EQUIP.

Bolens 1886 w/54" Blade
Bolens 1250 w/loader
Bolens 1050 w/42" mower
Kubota L 175 Dsl, 17 h.p
Wheelhorse 180 w/loader

New portable air compressor Prices start at $99 95 w/FREE paint sprayer Offer good till Dec 31st

FARMERSVILLE EQUIP., INC.

RD2, Ephrata, Pa.
717-354-4271
Store Hours.
Daily 7 30 - 6 00
Sat 7 30 - 4 30

Farm Equipment Complete Sell Out

Oliver 1750 Diesel
Oliver 770 Gas
Oliver 770 Industrial Loader
Massey Super 90 Diesel
John Deere No. 35 Forage Harvester 2 row, pickup
John Deere Plateless 4 row planter
John Deere Flat Wagon
John Deere 12 ft. Spring Harrow
New Holland 469 Haybine
Kingwise 34 ft. Bale Elevator
Fillrite Silo Blower
Gooseneck for 20 ft. silo
Case Bin Wagon
Bearcat 12 ft. single cultipacker
M. Moline 5-16 Semi Plow
Hanson 300 gal. weed sprayer
(3) Allis Chalmers Self Unloading Wagons
Cobey 340 bu. Manure Spreader (Hy End)
Katolight 25 KW on trailer, Generator
Chevy 1959 Dump Truck
Massey 12 ft. Diesel
Small Tools, etc.

By Owner,
Eugene M. Heller
Robesonia RD1
Penna. 19551
215-693-3207

Aerial Ladders-40,45,85 ft. reach mounted on trucks. Asking $1500 to $2250. No reasonable offer refused. 1045 Skyworker bucket truck on 1964 Chevy $6,250.00. All equipment in good condition. 717-786-2061

Farmall M Tractor w-PS
Letz PTO Plate Mill
Ferguson 35 Tractor w-PS
30.5x32 Tires and Wheels (new)
23.1x30 Tires and Wheels
43x66½ Tires and Wheels

ELWOOD FLOWERS
Manheim RD2, Pa.
Phone: 717-653-4839

Farm Equipment

WE OFFER

- Custom Welding in our shop or on the job.
- General hauling, repairing and fabricating.
- Engine work large or small.
- Chain saw sale, rental and repair.
- Electric drills, hammer drills, grinders Sales & Service
- Lawn and Garden Equipment Sales & Service.

JOHN L. STAUFFER
Repair Service
Box 67 RD2
East Earl, Pa.

MF Massey Ferguson case

M.F. Case
New Idea Gehl
Dunham Tillage Tools

NEW EQUIP. IN STOCK

120 Mix-All Hammermill Plow in all sizes
Forage Boxes
(3) 580 B. Loader Backhoes
1830 Uni-Loader
1740 Uni-Loader

Compact Tractors

Case and New Idea all sizes
David Brown Tractors Models - 885N - 990 - 995 - 1212
Satoh Tractor & Loaders
Spring Harrows
New Idea Spreaders
Cultipackers

USED EQUIPMENT

Fox Max 1 S.P. Harvester Corn & Hay Heads
4-16 Semi Mtd. Ford Plow
John Deere A Elect. Start
N.I. Model 213 Single Beater Spreader
Case 300 Industrial Tractor ldr.
Mustang Mod. 1700 Skid Steer Loader

A. L. HERR & BRO.
Quarryville 786-3521

Poultry & Supplies

Special price on small lots of Leghorn Pullet Chicks.
MOYER'S CHICKS, INC.
266 Paletown Rd.
Quakertown, Pa.
215-536-3155

BABY CHICKS

Ready to Lay Pullets
White & Brown egg Birds
Broiler & Roaster Chicks

MOYER'S CHICKS, INC.

Quakertown, Pa.
Ph. 215-536-3155

Farm Equipment

USED EQUIPMENT

Int. 55 & 46 Balers
New Holland 66 Baler
JD 14 T Baler w-engine & steel wheels
JD F125 4-14" Plow
11 ft. Shepherd Chisel Plow 3 pt. Hitch

Used Lawn & Garden

JD 56 & 57 Riding Mowers.
New Snapper riding mowers, 5, 6, & 8 HP
New Brillion Cultipackers, Cultimulchers, Chisel Plows
Hesston Mower Conditioners Stakhands, Stakhand mowers, special discount terms now till March 1st.

WENGER IMPLEMENT INC.
The Buck, Pa. 284-4141

Poultry & Supplies

Anderson Medicators

For Liquid Feeding and Medications, 30 day free trial.

Paul Hiestand
Phone: 717-426-3286

For Sale - New High Pressure round waterers, low price.

PAUL HIESTAND
Phone: 717-426-3286

Poultry Equipment Available:

50 - 8' automatic waterers
100 - 21 hole nests (3 deck)
50 - gas stoves
50 - oil stoves
50 - turkey feeders
150 - hanging feeders
300 feet Big Dutchman automatic feeder chain
1000 feet porcelin water trough
Many other items available - Make an offer on all or any of the above items.

Call (301) 822-7444
Days
(301) 745-2274
Nites

SHAVER STARCROSS

LAYERS

GREIDER LEGHORN FARMS, INC.

Phone 653-1855
MOUNT JOY R 1 PA

LONGENECKER'S HATCHERY

Box 317 Elizabethtown, Pa. Ph: (717) 367-1545

J. J. WARREN SEX-SAL

STARTED PULLETS, 20 WEEKS
SEX LINKS

4000 March 18
3000 April 21

AGWAY

Tests prove Agway LPS has slowest ammonia release of leading liquid supplements fed in the Northeast

Slow ammonia release from feeds containing non-protein nitrogen assures you of optimum nutrient use by your cattle. Ammonia is used by bacteria in the cow's rumen to make high-quality protein. Slow ammonia release gives the bacteria every chance to use the ammonia to produce protein. And that is just what you get from Agway Liquid Protein Supplement.

Tests were conducted on several liquid supplements at the Agway Technical Center in Ithaca, N. Y. Standard laboratory procedures, using fresh rumen juice from a live fistulated animal, were used in all comparisons. As can be seen in the table below, Agway LPS had the slowest rate of release when "fed," at one hour later, and at two hours later. Note that the Agway LPS had the greatest advantage during the key first hour.

LPS is your best protein buy

Agway LPS reduces your cash outlay for feed, because this 33%-protein supplement provides that protein at the lowest possible cost. You buy only the protein you can not grow on your own farm.

No waste

Studies have shown that when LPS is fed free-choice, cows regulate consumption according to the protein level in their dry ration. Cows tend to increase consumption of LPS when protein intake is below their needs. As protein intake from forage and grain increases, consumption of LPS declines.

Better health

Along with protein, LPS provides vitamins A, D and E, as well as critical minerals, such as phosphorus, which are essential to a well-balanced feeding program. It is especially useful in balancing protein needs when high-energy, low-protein forages such as corn silage are fed. To beat the high cost of protein today, find out more about Agway LPS and what it can do for your herd. Just call your local Agway and ask for a Farm Enterprise salesman.

Easy to use

Agway LPS fits into any program of dairy feeding and management you use. You can feed it free-choice, mixed with grain, or top dress it on forage or grain to improve palatability.

Rate of release of liquid supplements as a percent of total ammonia released during a three-hour period

	When "Fed"	1 Hour Later	2 Hours Later
Agway LPS	15.2%	48.7%	80.2%
Liquid Supplement "A"	29.3	55.8	85.5
Liquid Supplement "B"	37.3	70.2	93.0
Liquid Supplement "C"	45.3	79.8	95.5

G & G FEED & SUPPLY
Manheim
665-5001

HENRY B. HOOVER, INC.
Ephrata
733-6593

LANCASTER STORE
394-0541

THOUGHT FOR THE WEEK

Best Wishes For
A Happy, Healthy
and Prosperous 1975

NEW HOLLAND STORE
354-4526

QUARRYVILLE STORE
786-2126

SALUNGA STORE
898-2248
653-1864